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CATALOG OF SEED AND VEGETATIVE STOCK  
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PLANT INTRODUCTION STATION

# Table Legumes

*Cicer, Psophocarpus,  
and Vigna Species*

Science and Education Administration  
U.S. Department of Agriculture  
1978

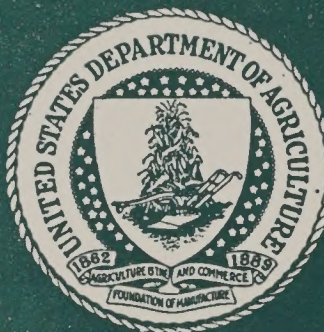


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
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Guar. September 1978.

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## Foreword

Seeds of the plant introductions listed herein are available in small quantities to research workers on request to the Southern Regional Plant Introduction Station, Experiment, Ga. 30212. This inventory is cumulative for plant materials grown at the regional station or by cooperating State experiment stations since 1949, when the S-9 "New Plants" project was initiated. During the year of seed multiplication, plants were observed, when possible, for agronomic and horticultural characteristics and other desirable genetic characters. These data are summarized for the use of plant scientists who wish to select plant materials for research.

Many plant species that are not in this seed list are available at the Northeastern Regional Plant Introduction Station, Geneva, N.Y. 14456; North Central Regional Plant Introduction Station, Ames, Iowa 50010; and the Western Regional Plant Introduction Station, Pullman, Wash. 99163. The Plant Germplasm Technical Committee member in each State can provide a list of plant materials available at each station. In the Southern States, Hawaii, and Puerto Rico the members are:

Alabama: C. S. Hoveland, Department of Agronomy, Agricultural Experiment Station,  
Auburn, Ala. 36830.

Arkansas: John L. Bowers, Department of Horticulture and Forestry, Agricultural  
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Puerto Rico: Oscar D. Ramirez, Department of Plant Breeding, Agricultural Experiment Station, Rio Piedras, P.R. 00928.

South Carolina: D. W. Bradshaw, Department of Horticulture, Agricultural Experiment Station, Clemson, S.C. 29631.

Tennessee: L. N. Skold, Department of Plant and Soil Sciences, University of Tennessee, Knoxville, Tenn. 37901.

Texas: E. L. Whiteley, Department of Agronomy, Agricultural Experiment Station, College Station, Tex. 77843.

Virginia: A. J. Lewis III, Department of Horticulture, Agricultural Experiment Station, V.P.I. & S.U., Blacksburg, Va. 24061.

Plant scientists in the Southern Region having a need for plant germplasm not available at any of the regional stations or other units of the National Plant Germplasm System should direct their requests to the Coordinator, Regional Project S-9 , Southern Regional Plant Introduction Station, Experiment, Ga. 30212. Scientists in the North Central, Northeastern or Western Regions should direct similar requests to the Coordinator, Regional Project NC-7, NE-9, or W-6, at the appropriate Regional Plant Introduction Station.

W. R. Langford  
Coordinator, Regional Project S-9  
Science and Education Administration



### *Cicer arietinum* Introductions

The following symbols and abbreviations are used in the table of *Cicer arietinum* introductions:

<u>Column</u>	<u>Interpretations</u>
Source . . . . .	AFGH, Aghanistan. ETHI, Ethiopia. ISRL, Israel. JORDN, Jordan. MEX, Mexico. PAK, Pakistan. TURKY, Turkey. YUGO, Yugoslavia.
Maturity . . . . .	Number of days from planting until mature seed were produced.
Seed color . . . . .	1, white (cream). 2, tan. 3, brown. 4, rust. 5, green. 6, black. 7, variegated. 9, variable.

P.I. NUMBER	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	SEED WEIGHT (G/100 SEEDS)	SEED YIELD (KG/ACRE)	SEED YIELD (G/PLANT)	PLANT HEIGHT (CM)	SEED COLOR
115448	INDIA	CHAMA	116	11		9	20	6
115449	INDIA	CHAMA	116	14		8	18	3
128909	INDIA		116	10		5	15	3
140291	IRAN		116	10		21	25	6
140292	IRAN		116	12		10	25	6
140293	IRAN		116	17		11	33	9
193478	ETHI			12				1
193479	ETHI		110	19			18	9
193480	ETHI		112	20			18	2
193481	ETHI		92	11	290		26	9
193482	ETHI		112	13			23	6
193483	ETHI		112	11			31	9
193484	ETHI		112	13			20	9
193485	ETHI		115	10			15	9
193486	ETHI			13				9
193487	ETHI			24				2
193488	ETHI		116	12			30	9
193766	ETHI			12				9
193767	ETHI			25				6
193768	ETHI			13				9
193961	ETHI			13				9
193962	ETHI			15				1
195561	ETHI			13				9
195926	ETHI			14				9
196840	ETHI							9
197415	ETHI			18				9
201856	IRAN			20				9
203142	JORDN		117	21	392			9
205125	INDIA		112	11			20	3
207470	AFGH		112	17			20	2
211010	AFGH		112	14			15	9
211722	AFGH		118	17	460			9
212026	INDIA		114	16	250			9
212091	AFGH		118	17	528			9
212092	AFGH			13				9
212595	AFGH		116	10		3	15	9
212890	INDIA			19				3
212891	INDIA	CHAFFA	115	15	348			2
212892	INDIA		114	14	297			9
212893	INDIA		116	15		14	18	4
212981	INDIA		112	15			14	9
214043	INDIA			18				9
214151	INDIA	KADLE KARLU	116	11		9	20	2
214152	INDIA	CARDELA I	116	11		6	15	9
214311	INDIA			9				1
214312	INDIA		90	11			27	9
214313	INDIA	GRAM	116	10		20	15	3
214314	INDIA		116	13		7	20	9
215588	INDIA		116	12		14	23	2
215702	PERU		116	28	423			1
216026	PERU		112	15			32	5
217520	PAK	GRAM C12-34	116	10		8	20	9
217521	PAK	GRAM P67	116	12		8	20	3
218067	PAK		112	23			20	9
218068	PAK		116	11		5	20	2
219727	PAK	CHANA H	116	20		5	18	2
219728	PAK	CHANA H	116	11		3	18	3
219729	PAK			14				9
219730	PAK		116	14		6	20	9
220649	AFGH			12				9
220776	AFGH	NAKHDD		8				5
222095	AFGH	NAKHDD	116	10		1	18	2
222770	IRAN	NAKHDD	116	23		2	18	1
222771	IRAN	NAKHDD SIAH	116	10		8	18	6
222772	IRAN	NAKHDD SIAH	116	9		4	15	6
222774	IRAN	NAKHDD	116	11		4	18	3
223433	AFGH		112	16			30	9
223762	AFGH		116	11		7	23	9
239859	IRAN		117	12	515			6
244332	ETHI		116	11		10	18	6

P.I. NUMBER	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	SEED WEIGHT (G/100 SEEDS)	SEED YIELD (KG/ACRE)	SEED YIELD (G/PLANT)	PLANT HEIGHT (CM)	SEED COLOR
244333	ETHI		112	14			18	3
246396	INDIA		116	10		5	15	4
249981	IRAN		117	26	461			9
249982	IRAN			23				9
250142	PAK		118	13	351			9
250143	PAK		118	23	496			9
250144	PAK		116	13		12	23	9
250210	PAK		116	14		10	20	9
251024	AFGH		116	34	491			9
251025	IRAN		116	33	332			1
251026	IRAN		117	37	460			9
251027	IRAN			34				2
251514	IRAN	NOKHODSIAH		12				6
251781	USSR			26				6
251782	USSR		90	25			18	1
251783	USSR		112	20	491			1
251784	USSR			20				6
253226	TURKY		112	39	333			9
253227	TURKY		112	46	209			1
253228	TURKY		118	17	488			9
254547	SYRIA		117	38	380			1
254548	SYRIA		116	21	430			9
254549	IRAN			30				1
254550	AFGH			16				9
254889	SPAIN			31				9
255138	INDIA		116	13		8	23	3
256059	AFGH			23				1
256060	AFGH		112	32			18	1
257583	ETHI		116	10		10	20	3
257584	ETHI			10				6
257586	ETHI		116	11		7	20	3
268376	AFGH		112	16			15	1
269881	PAK		116	12		8	26	9
269882	PAK		116	11		7	18	5
269883	PAK		112	14			28	4
271323	INDIA		116	12		11	23	9
271324	INDIA		116	11		10	26	9
271325	INDIA			18				1
273879	ETHI		118	15	367			9
273880	ETHI		113	12	280			9
288311	INDIA			16				9
288312	INDIA			14				4
288313	INDIA							4
288314	INDIA		112	13			28	3
288315	INDIA		112	26			28	6
292006	ISRL		112	10			18	1
297256	INDIA		112	14			15	3
297257	INDIA	BROWN G-2	116	12		8	18	3
297258	INDIA		112	18			15	9
297261	INDIA	C 168	116	11		11	20	3
297263	INDIA		115				23	3
297264	INDIA		120	11			15	3
297270	INDIA		112				15	1
297272	INDIA			11				3
297275	INDIA							3
310479	USA	CD-36						3
315781	INDIA	1540/23	112	20			20	2
315782	INDIA	1575	116	11		7	18	3
315783	INDIA	BR 17	112				13	3
315784	INDIA	BR 65	112	13			13	3
315785	INDIA	C 57/1	116	10		8	23	3
315786	INDIA	C 104	116	25		11	28	
315787	INDIA	C 235	116	12		11	23	3
315788	INDIA	C 706	116	11		8	23	3
315789	INDIA	CAIRO	112	10			18	3
315790	INDIA	CEYLON-2	112	11			20	3
315793	INDIA	EC 26428	112	18			20	1
315794	INDIA	EC 26429	112	12			25	3
315795	INDIA	EC 26430	90	28			28	1
315796	INDIA		112				31	6



P.I. NUMBER	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	SEED WEIGHT (G/100 SEEDS)	SEED YIELD (KG/ACRE)	SEED YIELD (G/PLANT)	PLANT HEIGHT (CM)	SEED COLOR
315797	INDIA		112	18			31	1
315798	INDIA	EQYPT 52	112	15			18	3
315799	INDIA		112	13			18	3
315800	INDIA	F 40	112				15	3
315801	INDIA		112	12			18	3
315803	INDIA			12				3
315804	INDIA	G 24	112	13			20	3
315805	INDIA			11				3
315806	INDIA	GG ABDHAR	112	12			23	5
315807	INDIA		112	14			26	5
315810	INDIA			11				5
315811	INDIA		112	12			28	5
315812	INDIA			14				5
315813	INDIA			15				5
315814	INDIA			11				3
315815	INDIA		118	24			18	3
315816	INDIA		115	29			13	1
315817	INDIA	NP 6	112	11			13	2
315819	INDIA		112	11			20	2
315820	INDIA							1
315821	INDIA			15				2
315822	INDIA		112				28	2
315823	INDIA	PB 12		11				3
315824	INDIA			15				3
315826	INDIA		112	13			30	3
315827	INDIA		112	17			23	3
315830	INDIA	V 58	100	22			18	2
315832	INDIA			14				9
315833	INDIA	V 155		18				9
315834	INDIA			20				2
319338	MEX	CDL. ND. 22246		36				1
319339	MEX	CDL. ND. 22257		23				3
331381	ETHI	CDL. ND R-75		11				9
339154	TURKY	YERL1						
339165	TURKY	ISPANYOL						1
339181	TURKY							1
339186	TURKY	KABALAK						1
339198	TURKY	4N-52/2-3						
339218	TURKY	KABAK						
339221	TURKY	4N-79/1-1 TISKE						
339223	TURKY	4N-82/1-4 BURC						
368485	YUGO	KRNJEVSKI	112	18			23	2
368487	YUGO	DUKATINSKI	112	33			18	1
368488	YUGO	BEL KRUPEN	112	37			18	1
368489	YUGO	SREDEN	112	22			18	1
368492	YUGO	LOKALEN	112	25			28	1
370415	YUGO	DOMASEN	118	17			28	2
370416	YUGO	LOKALFN	112	28			31	1
370417	YUGO	STIPSKI	112	39			15	1
370418	YUGO	PC1NSKI	112	30			23	2
370419	YUGO	VINCENSKI	112	36			20	1
370420	YUGO	RUDNICKI	112	18			31	1
370421	YUGO	BUKOVICKI	112	24			31	1
372596	IRAN	12-069-00519	112	15			31	3
372598	IRAN	12-074-06625	112	26			18	6
374079	IRAN	CBRAZCOV CIFLIK	100	22			15	6
374080	IRAN	PLDVDC 19	112	19			15	4
374081	IRAN		112	25			18	6
374082	IRAN		112	31			25	3
374084	IRAN		112				18	
374085	IRAN		112	28			15	7
374090	IRAN		118	25			33	1
374092	IRAN	RG482	112	15			18	3
374093	IRAN	BR 17	112	12			20	3
374094	IRAN	BR 77	112	14			31	3
374095	IRAN	C 5711	112	13			23	3
374097	IRAN	C 214	112	15			20	2
374098	IRAN	C 235	112	15			25	9
374099	IRAN	CHAFFA	112	14			25	3

P.I. NUMBER	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	SEED WEIGHT (G/100 SEEDS)	SEED YIELD (KG/ACRE)	SEED YIELD (G/PLANT)	PLANT HEIGHT (CM)	SEED COLOR
374100	IRAN	CO. 1	112	12			28	3
374101	IRAN	DOHAD YELLOW	112	14			31	3
374102	IRAN	G 24	112	13			31	3
374103	IRAN	G 130	112	18			18	9
374106	IRAN	PB-61	112	13			15	9
374107	IRAN	RS 10	112	15			15	3
374108	IRAN	RS 11	112	13			15	3
374109	IRAN	S-26	112				18	
374111	IRAN	ST-4	112	10			20	3
374113	IRAN	UJJAIN 24	112	13			31	3
379217	YUGO	GORUBINSKI	112	21			31	1
379218	YUGO	IVANKOSKI	112				28	
379219	YUGO	DRAGDEVSKI	112	23			28	1
379220	YUGO	KLISURSKI	112	19			23	2
379221	YUGO	PESAK	112	19			18	1
380802	IRAN		112	12			18	2
380803	IRAN		112	31			18	1

*Psophocarpus tetragonoloba* Introductions

The following symbols and abbreviations are used in the table of *Psophocarpus tetragonoloba* introductions:

<u>Column</u>	<u>Interpretation</u>
Source . . . . .	N GUI, New Guinea. INDO, Indonesia.
Seed color pattern . . . . .	1, solid. 2, speckled (mottled). 3, bicolor. 4, variable.
Seed color . . . . .	1, brown (dark tan). 2, tan. 3, charcoal. 4, dark purple. 5, black. 6, variable.



P.I. NUMBER	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	SEED COLOR PATTERN	SEED COLOR	SEED WEIGHT (G/100 SEEDS)
413187	N GUI	UPS-2	1	1	17.2
413192	N GUI	UPS-34	1	2	20.8
413193	N GUI	UPS-45	4	6	23.3
413194	N GUI	UPS-46	3	1	20.1
413195	N GUI	UPS-47	1	2	20.4
413196	N GUI	UPS-51	1	1	20.0
413197	N GUI	UPS-59	1	2	23.1
413199	N GUI	UPS-61	1	2	23.9
413200	N GUI	UPS-62	1	1	18.1
413201	N GUI	UPS-67	1	4	25.2
413202	N GUI	UPS-71	4	5	25.1
413203	N GUI	UPS-78	1	5	19.8
413204	N GUI	UPS-80	1	1	15.3
413205	N GUI	UPS-81	1	2	17.3
413208	N GUI	UPS-102	1	5	22.5
413209	N GUI	UPS-103	4	5	16.4
413210	N GUI	UPS-111	4	6	20.7
413211	N GUI	UPS-113	3	1	19.1
413212	N GUI	UPS-115	1	2	31.5
413214	INDO	867A	1	2	33.1
413216	INDO	909	1	2	36.1
413612	N GUI	UPS-18	1	3	20.0
413613	N GUI	UPS-29	1	2	28.5
413614	N GUI	UPS-65	2	1	20.4
413615	N GUI	UPS-76	2	1	20.3



## *Vigna mungo* and *Vigna radiata* Introductions

The following symbols and abbreviations are used in the table of *Vigna mungo* and *Vigna radiata* introductions:

<u>Column</u>	<u>Interpretation</u>
Species . . . . .	RADITA, <i>radiata</i> .
Source . . . . .	AFGH, Afghanistan. ANGOL, Angola. AUSTL, Australia. BRAZ, Brazil. COLO, Colombia. ELSAL, El Salvador. GUAT, Guatemala. HO KO, Hong Kong. HUNG, Hungary. IV CO, Ivory Coast Republic. MALGY, Madagascar. MEX, Mexico. PAK, Pakistan. PHIL, Philippines. TAIWN, Taiwan. TANG, Tanganyika. THAI, Thailand. TURKY, Turkey. YUGO, Yugoslavia.
Maturity . . . . .	1, early. 5, midseason. 8, late.
Plant type . . . . .	1, erect. 2, prostrate. 3, bushy.
Seed color . . . . .	1, green. 2, black. 3, brown. 4, buff. 5, red. 6, yellow. 7, variable.

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
164316	MUNGO	INDIA						
164423	MUNGO	INDIA	MASH	5	1	048	05	2
164441	MUNGO	INDIA	MASH	5	1	050	04	2
164727	MUNGO	INDIA		5	1	067	04	2
164769	MUNGO	INDIA	MASH	5	1	047	04	2
164776	MUNGO	INDIA		1	1	051	04	2
173934	MUNGO	INDIA	MASH	1	1	050	04	2
174891	MUNGO	INDIA	URUD	1	1	052	04	2
174907	MUNGO	INDIA	URUD	3	2	050	05	2
179711	MUNGO	INDIA						
179713	MUNGO	INDIA	URUD	5	1	050	04	2
180317	MUNGO	INDIA	URUD	5	1	050	04	2
180466	MUNGO	INDIA	URUD	1	2	050	04	2
182979	MUNGO	INDIA	URUD	1	2	050	04	2
183137	MUNGO	INDIA	URUD	5	1	083	04	2
183138	MUNGO	INDIA	URUD	1	1	067	04	2
183410	MUNGO	INDIA		1	1	067	04	2
183462	MUNGO	INDIA		1	1	082	04	2
203462	MUNGO	INDIA						
211068	MUNGO	AFGH		1	1	045	05	2
212615	MUNGO	AFGH						
212909	MUNGO	INDIA						
212910	MUNGO	INDIA						
213016	MUNGO	INDIA		5	2	050	05	2
214171	MUNGO	INDIA		1	2	038	05	2
214336	MUNGO	INDIA		1	2	055	05	7
214338	MUNGO	INDIA		5	2	55	5	7
216039	MUNGO	INDIA		1	2	038	06	2
217959	MUNGO	PAK	MASH NO 48	8	2	045	05	2
218104	MUNGO	PAK						
218105	MUNGO	PAK	KURRAM MASH	5	2	040	05	2
220306	MUNGO	AFGH	MASH-SIAH	5	2	045	05	2
223524	MUNGO	AFGH	MAT	1	2	045	05	2
227763	MUNGO	GUAT						
250163	MUNGO	PAK	COL. NO. K484					
250164	MUNGO	PAK	COL. NO. K519					
269520	MUNGO	PAK	MASH	5	1	050	05	2
269522	MUNGO	PAK	MASH	5	1	050	05	2
269526	MUNGO	PAK		5	3	065	06	7
269527	MUNGO	PAK	MASH	5	1	050	05	2
269528	MUNGO	PAK		5	3	060	05	2
270058	MUNGO	PAK	TORI-MA-LEY	5	1	045	05	2
271410	MUNGO	PAK						
271497	MUNGO	INDIA		1	1	050	05	2
271498	MUNGO	INDIA						
271499	MUNGO	INDIA	COL. NO. 1251					
279475	MUNGO	ANGOL						
286304	MUNGO	IV CO		1	2	045	08	2
286305	MUNGO	IV CO		1	2	050	08	2
288599	MUNGO	INDIA						
288600	MUNGO	IV CO						2
288601	MUNGO	INDIA						
288602	MUNGO	INDIA						
288603	MUNGO	INDIA						
288834	MUNGO	INDIA						
288835	MUNGO	INDIA						
288919	MUNGO	HUNG						
291365	MUNGO	TAIWN		5	2	035	07	1
298910	MUNGO	AUSTL						2
298919	MUNGO	USA						2
304298	MUNGO	ELSAL						4
305074	MUNGO	THAIL						
323294	MUNGO	PAK						
323296	MUNGO	PAK						



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
323300	MUNGO	PAK						
323301	MUNGO	PAK						
323302	MUNGO	PAK						
323303	MUNGO	PAK						
360949	MUNGO	INDIA	URD 4					
370639	MUNGO	INDIA						
370640	MUNGO	INDIA		5	2	50	5	2
370641	MUNGO	INDIA						
374134	MUNGO	INDIA		1	3	60	5	2
374135	MUNGO	INDIA		1	3	60	5	2
374136	MUNGO	INDIA		5	2	50	5	2
374137	MUNGO	INDIA		1	1	35	4	2
376872	MUNGO	INDIA		1	3	85	11	1
377364	MUNGO	IRAN			2	45		
377365	MUNGO	IRAN			2	45		
377366	MUNGO	IRAN			2	45		
377367	MUNGO	IRAN			2	45		
377368	MUNGO	IRAN			2	45		
377369	MUNGO	IRAN			2	45		
377370	MUNGO	IRAN			2	45		
377371	MUNGO	IRAN			2	45		
377372	MUNGO	IRAN		5	2	40	4	3
377373	MUNGO	IRAN		5	2	40	4	3
377374	MUNGO	IRAN		5	2	40	5	2
377375	MUNGO	IRAN			2	40		
377376	MUNGO	IRAN			2	40		
377377	MUNGO	IRAN		5	2	40	4	2
377378	MUNGO	IRAN			2	40		
377379	MUNGO	IRAN		5	2	40	6	2
377380	MUNGO	IRAN			2	40		
377381	MUNGO	IRAN			2	40	4	2
377382	MUNGO	IRAN			2	40		
377383	MUNGO	IRAN			2	40		
377384	MUNGO	IRAN			2	40		
377385	MUNGO	IRAN		5	2	40	5	3
377386	MUNGO	IRAN			2	40		
377387	MUNGO	IRAN		1	2	43	6	2
377388	MUNGO	IRAN		1	2	40	6	2
377389	MUNGO	IRAN		1	2	45	5	2
377390	MUNGO	IRAN		1	1	60	6	2
377391	MUNGO	IRAN		1	2	40	6	2
377392	MUNGO	IRAN			2	40		
377393	MUNGO	IRAN		1	2	45	6	2
377394	MUNGO	IRAN		1	2	40	6	2
377395	MUNGO	IRAN		1	2	40	6	2
377396	MUNGO	IRAN		1	2	40	6	2
377397	MUNGO	IRAN		1	1	40	5	2
377398	MUNGO	IRAN			2	45		
377399	MUNGO	IRAN		1	2	45	5	3
377400	MUNGO	IRAN			2	40		
377401	MUNGO	IRAN			2	40		
377402	MUNGO	IRAN		5	2	40	4	2
377403	MUNGO	IRAN			2	40		
377404	MUNGO	IRAN			2	45		
377405	MUNGO	IRAN			2	50		
377406	MUNGO	IRAN		1	1	30	5	2
377407	MUNGO	IRAN		1	1	35	5	3
377408	MUNGO	IRAN		1	2	35	5	7
377409	MUNGO	IRAN		1	1	50	5	2
377410	MUNGO	IRAN			2	40		
377411	MUNGO	IRAN			2	40		3
377412	MUNGO	IRAN		5	2	40	5	3
377413	MUNGO	IRAN		5	2	40		3

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377414	MUNGO	IRAN			2	40		
377415	MUNGO	IRAN			2	40		
377416	MUNGO	IRAN			2	40		
377417	MUNGO	IRAN			2	40		
377418	MUNGO	IRAN			2	40		
377419	MUNGO	IRAN			2	40		
377420	MUNGO	IRAN			2	40		
377421	MUNGO	IRAN		5	2	35	4	3
377422	MUNGO	IRAN			2	40		
377423	MUNGO	IRAN			2	40		
377424	MUNGO	IRAN			2	40		
377425	MUNGO	IRAN			2	40		
377426	MUNGO	IRAN			2	40		
377427	MUNGO	IRAN			2	40		
377428	MUNGO	IRAN			2	40		
377429	MUNGO	IRAN		5	2	40	4	3
377430	MUNGO	IRAN			2	40		
377431	MUNGO	IRAN			2	40		
377432	MUNGO	IRAN			2	40		
377433	MUNGO	IRAN		1	1	30	5	2
377434	MUNGO	IRAN			2	40		
377435	MUNGO	IRAN			2	40		
377436	MUNGO	IRAN			2	40		
377437	MUNGO	IRAN			2	40		
377438	MUNGO	IRAN			2	40		
377439	MUNGO	IRAN			2	40		
377440	MUNGO	IRAN			2	40		
377441	MUNGO	IRAN			2	40		
377442	MUNGO	IRAN			2	40		
377443	MUNGO	IRAN			2	40		
377444	MUNGO	IRAN			2	40		
377445	MUNGO	IRAN			2	40		
377446	MUNGO	IRAN			2	40		
377447	MUNGO	IRAN			2	40		
377448	MUNGO	IRAN			2	40		
377449	MUNGO	IRAN			2	40		
377450	MUNGO	IRAN			2	40		
377451	MUNGO	IRAN			2	40		
377452	MUNGO	IRAN			2	40		
377453	MUNGO	IRAN			2	40		
377454	MUNGO	IRAN				40		
377455	MUNGO	IRAN				40		
377456	MUNGO	IRAN						
377457	MUNGO	IRAN			2	40		
377458	MUNGO	IRAN			2	40		
377459	MUNGO	IRAN			2	40		
377460	MUNGO	IRAN			2	40		
377461	MUNGO	IRAN			1	50		
377462	MUNGO	IRAN			1	60		
377463	MUNGO	IRAN		5	2	40	4	3
377464	MUNGO	IRAN			2	40		
377465	MUNGO	IRAN			2	40		
377466	MUNGO	IRAN			2	40		
377467	MUNGO	IRAN			2	40		
377468	MUNGO	IRAN			2	40		
377469	MUNGO	IRAN			2	40		
377470	MUNGO	IRAN			2	40		
377471	MUNGO	IRAN			1	50		
377472	MUNGO	IRAN			1	50		
377473	MUNGO	IRAN			3	50		
377474	MUNGO	IRAN			3	50		
377475	MUNGO	IRAN			3	50		
377476	MUNGO	IRAN			3	50		

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU-RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377477	MUNGO	IRAN		5	3	50		1
377478	MUNGO	IRAN			3	50		
377479	MUNGO	IRAN			3	50		
377480	MUNGO	IRAN			3	50		
377481	MUNGO	IRAN			3	50		
377482	MUNGO	IRAN			3	50		
377483	MUNGO	IRAN		5	2	50	9	1
377484	MUNGO	IRAN		5	2	40	9	1
377485	MUNGO	IRAN			2	30		
377486	MUNGO	IRAN			2	30		
377487	MUNGO	IRAN			2	30		
377488	MUNGO	IRAN			1	40		
377489	MUNGO	IRAN		5	1	40	6	1
377490	MUNGO	IRAN			1	50		
377491	MUNGO	IRAN			2	40		
377492	MUNGO	IRAN			2	40		
377493	MUNGO	IRAN			2	40		
377494	MUNGO	IRAN			2	40		
377495	MUNGO	IRAN			2	40		
377496	MUNGO	IRAN		1	1	35	4	7
377497	MUNGO	IRAN			2	40		
377498	MUNGO	IRAN			2	40		
377499	MUNGO	IRAN			3	48		
377500	MUNGO	IRAN			2	45	5	2
377501	MUNGO	IRAN						
377502	MUNGO	IRAN			2	40		2
377503	MUNGO	IRAN		5	2	40	4	1
377504	MUNGO	IRAN		5	2	40	4	1
377505	MUNGO	IRAN		5	2	40	4	3
377506	MUNGO	IRAN		5	2	40	4	1
377507	MUNGO	IRAN		5	2	40	4	1
377508	MUNGO	IRAN		5	3	65	7	1
377509	MUNGO	IRAN			2	40		2
377510	MUNGO	IRAN			3	50		
377511	MUNGO	IRAN		5	3	50	8	7
383310	MUNGO	AUSTL	GWALJAR 2	1	1	45		3
383311	MUNGO	AUSTL	WOODLY PYROL	1	2	50		3
383312	MUNGO	AUSTL	FARID NO 1					
383314	MUNGO	AUSTL						
	RADITA	USA	FC 31080					
	RADITA	USA	FC 31281					
	RADITA	USA	FC 31237					
	RADITA	USA	FC 31288					
	RADITA	USA	FC 31289					
	RADITA	USA	FC 31290					
	RADITA	USA	FC 31291					
	RADITA	USA	FC 31293					
	RADITA	USA	FC 31321					
	RADITA	USA	FC 31322					
	RADITA	USA	FC 31323					
	RADITA	USA	FC 31324					
	RADITA	USA	FC 31325					
	RADITA	USA	FC 31332					
	RADITA	USA	FC 31343					
	RADITA	USA	FC 31345					
	RADITA	USA	FC 31569					
	RADITA	USA	FC 31616					
	RADITA	USA	FC 31633					
	RADITA	USA	FC 31710					
140043	RADITA	USA	FC 31728	8	2	047	12	1
163051	RADITA	BRAZ						2
163110	RADITA	INDIA		5	1	078	08	1
163112	RADITA	KOREA		1	2	60	9	1

P.I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
163113	RADITA	KOREA		1	2	50	5	1
163114	RADITA	INDIA		8	3	075	08	1
164181	RADITA	INDIA		8	3	090	06	7
164265	RADITA	INDIA		8	1	095	05	1
164301	RADITA	INDIA		1	1	055	08	1
164336	RADITA	INDIA	PACHAPAYARU	1	1	067	10	1
164392	RADITA	INDIA		5			6	1
164427	RADITA	INDIA						
164431	RADITA	INDIA						
164442	RADITA	INDIA		5	1	108	06	1
164622	RADITA	INDIA	PACHAPAYARU	5	1	092	06	1
164644	RADITA	INDIA		1	1	101	08	1
164725	RADITA	INDIA		1	1	032	08	3
164726	RADITA	INDIA		1	1	043	08	1
164745	RADITA	INDIA		1	1	050	08	1
164770	RADITA	INDIA		1	1	073	08	3
164775	RADITA	INDIA		1	3	075	08	1
164889	RADITA	GUAT						
165529	RADITA	INDIA						
167274	RADITA	TURKEY	SO YA NO 73	5	2	052	06	2
167295	RADITA	TURKEY						
167356	RADITA	TURKEY	MAS	5	2	050	08	1
168617	RADITA	AUSTL						
171435	RADITA	CHINA		1	2	040	08	1
173932	RADITA	INDIA	MUNG	5	1	080	06	1
174297	RADITA	TURKEY						
174298	RADITA	TURKEY		5	2	050	05	7
174887	RADITA	INDIA	MUNG	5	1	090	06	1
175241	RADITA	INDIA						
177493	RADITA	TURKEY						
177494	RADITA	TURKEY						
177496	RADITA	TURKEY						
177705	RADITA	TURKEY		5	2	105	06	1
179399	RADITA	TURKEY						
179703	RADITA	INDIA						
179707	RADITA	INDIA	MUNG	5	1	090	08	7
179708	RADITA	INDIA	MUNG	5	2	092	08	1
179710	RADITA	INDIA	MUNG	1	2	067	08	1
179952	RADITA	INDIA	HARIA	1	1	085	08	1
179954	RADITA	INDIA		5	1	080	08	1
179957	RADITA	INDIA						
179958	RADITA	INDIA						
179960	RADITA	INDIA		5	1	090	08	1
179962	RADITA	INDIA		5	1	088	12	1
180310	RADITA	INDIA						
180311	RADITA	INDIA		1	2	067	08	1
180313	RADITA	INDIA		1	2	120	09	1
180315	RADITA	INDIA		1	2	065	08	1
180456	RADITA	INDIA		8	1	090	08	1
180457	RADITA	INDIA		5	1	083	05	1
180460	RADITA	INDIA	MUNG	1	2	062	08	1
183063	RADITA	INDIA		1	1	057	08	1
183064	RADITA	INDIA		5	2	075	06	1
183065	RADITA	INDIA		1	1	070	06	3
183135	RADITA	INDIA	MUNG	1	2	075	08	1
183136	RADITA	INDIA	MUNG	1	2	093	08	1
183337	RADITA	INDIA	MUNG	8	2	105	05	2
183407	RADITA	INDIA		1	1	053	08	1
183458	RADITA	INDIA		1	1	053	08	1
183459	RADITA	INDIA		1	2	075	08	1
183460	RADITA	INDIA		5	2	130	06	1
183936	RADITA	INDIA		1	1	038	06	1
183937	RADITA	INDIA		5	2	118	06	1
188687	RADITA	PHIL						

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU-RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
199355	RADITA	KENYA						
199740	RADITA	PHIL		5	1	101	09	3
200840	RADITA	BURMA		1	2	055	06	1
201866	RADITA	IRAN						
201867	RADITA	IRAN		5	2	048	06	1
201868	RADITA	IRAN						
201869	RADITA	IRAN		1	2	038	10	1
201870	RADITA	IRAN		5	2	030	06	7
201871	RADITA	IRAN						
201872	RADITA	IRAN		1	1	050	05	3
201873	RADITA	IRAN		5	2	036	06	3
201874	RADITA	IRAN						
201875	RADITA	IRAN		5	2	040	08	1
205137	RADITA	INDIA						
207504	RADITA	AFGH						
207655	RADITA	PHIL		1	1	036	06	3
208459	RADITA	INDIA						
209669	RADITA	USA						
211066	RADITA	AFGH		1	2	038	06	3
211067	RADITA	AFGH						
211612	RADITA	AFGH		1	2	045	05	7
211613	RADITA	AFGH		5	2	045	04	7
211614	RADITA	AFGH		5	2	045	04	3
211615	RADITA	AFGH		9	2	055	05	7
211735	RADITA	AFGH		1	2	050	06	3
211736	RADITA	AFGH		1	2	045	06	7
211737	RADITA	AFGH		5	2	038	05	3
212109	RADITA	AFGH		3	2	050	05	3
212319	RADITA	AFGH		8	2	045	06	3
212614	RADITA	AFGH		1	1	055	08	2
212907	RADITA	INDIA		1	2	050	08	1
212908	RADITA	INDIA		1	2	045	08	1
213012	RADITA	INDIA		1	1	055	08	1
213015	RADITA	INDIA		1	2	055	09	1
213017	RADITA	INDIA						
214062	RADITA	INDIA		5	2	050	06	1
214063	RADITA	INDIA		1	1	045	06	1
214334	RADITA	INDIA		1	1	060	09	1
214335	RADITA	INDIA		8	2	085	08	1
215650	RADITA	INDIA						
217953	RADITA	PAK		1	1	063	06	1
217954	RADITA	PAK	MASH	5	1	063	08	1
217955	RADITA	PAK	MASH	5	2	045	05	7
217956	RADITA	PAK	MASH	8	1	055	06	1
217957	RADITA	PAK	MASH					
218103	RADITA	PAK	MASH	1	2	050	06	2
219613	RADITA	PAK		1	1	063	05	1
219699	RADITA	PAK		1	1	050	08	1
220109	RADITA	AFGH	MASH					
220303	RADITA	AFGH	MASH	5	2	050	05	3
220304	RADITA	AFGH	MASH	5	2	050	06	3
220305	RADITA	AFGH	MASH	5	2	050	06	3
220671	RADITA	AFGH	MASH	5	2	050	06	1
220672	RADITA	AFGH	MASH	5	2	050	06	7
220815	RADITA	AFGH	MASH	5	2	045	05	3
220816	RADITA	AFGH	MASH	1	2	055	08	1
222116	RADITA	AFGH	MASH MOI	5	2	045	06	7
222816	RADITA	IRAN	MASH-I-SIAH	5	2	055	08	2
222823	RADITA	IRAN						
223002	RADITA	IRAN	MASH	8	2	060	06	2
223003	RADITA	IRAN	MASH	8	2	060	06	2
223280	RADITA	AFGH	MASH	5	2	050	05	3
223281	RADITA	AFGH	MASH	5	2	045	05	3



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
223282	RADITA	AFGH	MASH	1	2	045	05	1
223522	RADITA	AFGH	MASH	5	1	030	06	3
223523	RADITA	AFGH	MASH	1	1	033	05	7
223710	RADITA	INDIA						
223711	RADITA	INDIA		1	2	038	09	1
223802	RADITA	AFGH	MASH	5	2	038	06	2
226520	RADITA	IRAN						
226657	RADITA	USA	MASH	8	1	050	06	1
226658	RADITA	USA						
227041	RADITA	USA		5	2	038	06	2
227247	RADITA	USA	MUSH	1	2	045	08	1
227248	RADITA	IRAN						
227754	RADITA	GUAT		1	1	045	08	1
228291	RADITA	USA		5	2	045	08	1
229707	RADITA	USA	MASH	5	2	045	08	1
229708	RADITA	USA	MASH	5	1	050	06	1
237114	RADITA	INDIA		5	1	060	10	2
237115	RADITA	INDIA		5	1	050	10	1
237669	RADITA	USA						
239355	RADITA	ZAIRE						
246130	RADITA	MALGY		1	1	045	15	1
249551	RADITA	IRAN						
249552	RADITA	IRAN						
250161	RADITA	PAK						
250162	RADITA	PAK						
251033	RADITA	AFGH		8	2	080	10	1
251034	RADITA	AFGH		8	2	075	10	1
251035	RADITA	IRAN		8	2	075	10	1
251036	RADITA	IRAN		8	2	075	10	1
251229	RADITA	PAK						
253724	RADITA	IRAQ		5	2	075	10	1
254556	RADITA	AFGH		5	2	070	10	1
254557	RADITA	AFGH	MASH	1	2	075	10	1
254558	RADITA	AFGH	CHAPASIAH	5	2	075	10	1
254559	RADITA	AFGH	MASH	5	2	060	10	1
255825	RADITA	AFGH		8	2	080	10	7
256073	RADITA	AFGH		5	2	075	10	3
256074	RADITA	AFGH		8	2	070	10	3
264686	RADITA	PHIL		5	1	045	08	1
268412	RADITA	PHIL		5	2	055	05	1
268413	RADITA	PHIL		5	2	055	05	1
269521	RADITA	PHIL						
269523	RADITA	PAK						
269524	RADITA	PAK	MASH	5	2	045	06	2
269525	RADITA	PAK		5	3	065	08	1
271401	RADITA	INDIA						
271402	RADITA	INDIA		1	2	055	06	1
271403	RADITA	INDIA		1	1	045	08	1
271404	RADITA	INDIA		1	1	045	05	1
271405	RADITA	INDIA		1	1	055	06	1
271406	RADITA	INDIA		5	3	050	10	1
271407	RADITA	INDIA		5	3	050	10	1
271408	RADITA	INDIA		5	2	055	09	1
271490	RADITA	INDIA		5	1	050	10	1
271491	RADITA	INDIA		5	1	045	10	1
271492	RADITA	INDIA		5	3	045	10	1
271493	RADITA	INDIA		8	2	055	08	1
271494	RADITA	INDIA		5	2	055	08	1
271495	RADITA	INDIA		8	2	090	08	3
271500	RADITA	INDIA	COL. NO. 1329					
273487	RADITA	KOREA		1	1	090	08	1
274305	RADITA	PAK		1	2	045	08	1
276364	RADITA	INDIA		1	3	060	06	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
276365	RADITA	INDIA		1	3	060	06	1
276366	RADITA	INDIA		1	3	060	08	1
276370	RADITA	INDIA		1	3	055	08	1
282991	RADITA	INDIA						1
286297	RADITA	INDIA		1	3	060	08	1
286298	RADITA	INDIA		1	3	075	08	1
288585	RADITA	INDIA						1
288586	RADITA	INDIA						1
288587	RADITA	INDIA						
288590	RADITA	INDIA						
288592	RADITA	INDIA						
288593	RADITA	INDIA						
288594	RADITA	INDIA						
288595	RADITA	INDIA						
288596	RADITA	INDIA						
288597	RADITA	INDIA						
288818	RADITA	INDIA						
288819	RADITA	INDIA						
288820	RADITA	INDIA						
288821	RADITA	INDIA						
288822	RADITA	INDIA						
288823	RADITA	INDIA						
288824	RADITA	INDIA						1
288825	RADITA	INDIA						1
288826	RADITA	INDIA						
288827	RADITA	INDIA						
288828	RADITA	INDIA						
288829	RADITA	INDIA						
288830	RADITA	INDIA						
288831	RADITA	INDIA						
288832	RADITA	INDIA						
288833	RADITA	INDIA						
291366	RADITA	CHINA						
298911	RADITA	TAIWN	LUH TOU					1
298913	RADITA	TAIWN	TSAI-LIE-CHUN					1
298915	RADITA	TAIWN	CHIH-CO					1
298916	RADITA	PERU						
298917	RADITA	USA						1
298920	RADITA	USA						
305070	RADITA	THAI						1
305074	RADITA	THAI						4
305075	RADITA	TAIWN		5	2	055	12	1
305076	RADITA	TAIWN		5	2	050	12	5
305077	RADITA	TAIWN		3	1	088	10	7
305413	RADITA	IRAQ						
313206	RADITA	MEX						
317463	RADITA	AFGH	NO 1413	5	2	035	05	1
317464	RADITA	AFGH	MUS-1	5	2	035	05	1
317465	RADITA	IRAQ		5	2	045	05	1
321115	RADITA	TANG	LOKO					
323282	RADITA	PAK						
323283	RADITA	PAK						
323284	RADITA	PAK						
323285	RADITA	PAK						
323286	RADITA	PAK						
323287	RADITA	PAK						
323288	RADITA	PAK						
323289	RADITA	PAK						
323290	RADITA	PAK						
323291	RADITA	PAK						
323292	RADITA	PAK						
323293	RADITA	PAK						
323321	RADITA	INDIA						
346313	RADITA	INDIA						
346315	RADITA	INDIA						

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
346316	RADITA	INDIA						
346317	RADITA	INDIA						
352723	RADITA	USSR		1	1	75	9	1
358095	RADITA	YUGO						
362296	RADITA	KOREA		1	1	55	12	1
362297	RADITA	KOREA	CHAERAEJONG NO. 7					
362298	RADITA	KOREA	CHAERAEJONG NO. 8					
362299	RADITA	KOREA	CHUNBUKJAERAE NO. 2					
362300	RADITA	KOREA	CHUNBUKJAERAE NO. 3					
362301	RADITA	KOREA	CHUNBUKJAERAE NO. 4					
362302	RADITA	KOREA	CHUNBUKJAERAE NO. 5					
362304	RADITA	KOREA	CHUNBUKJAERAE NO. 7					
362305	RADITA	KOREA	CHUNBUKJAERAE NO. 9					
362306	RADITA	KOREA	CHUNBUKJAERAE NO. 10					
362307	RADITA	KOREA	CHUNBUKJAERAE NO. 12					
362308	RADITA	KOREA	CHUNBUKJAERAE NO. 13					
362310	RADITA	KOREA	CHUNBUKJAERAE NO. 17					
362311	RADITA	KOREA	CHUNBUKJAERAE NO. 20					
362312	RADITA	KOREA	CHUNBUKJAERAE NO. 21					
362313	RADITA	KOREA	CHUNGNAMCHAERAE					
362315	RADITA	KOREA	JAERAE NO. 4					
362316	RADITA	KOREA	JAERAECHONG NO. 1					
362317	RADITA	KOREA	JAERAEJONG NO. 3					
362318	RADITA	KOREA	KANGUONJAERAE NO. 2					
362319	RADITA	KOREA	KYUNGKIJAERAE NO. 1					
362320	RADITA	KOREA	KYUNGKIJAERAE NO. 2					
362321	RADITA	KOREA	KYUNGKIJAERAE NO. 3					
362322	RADITA	KOREA	KYUNGKIJAERAE NO. 5					
362323	RADITA	KOREA	KYUNGKIJAERAE NO. 8					
362324	RADITA	KOREA	KYUNGKIJAERAE NO. 10					
362325	RADITA	KOREA	KYUNGKIJAERAE NO. 16					
362326	RADITA	KOREA	KYUNGKIJAERAE NO. 18					
362327	RADITA	KOREA	MYUNGNOKDU					
362328	RADITA	KOREA	NOGDUJA					
363143	RADITA	INDIA			3	55	6	1
363144	RADITA	INDIA			1	51	6	1
363145	RADITA	INDIA			3	49	6	1
363146	RADITA	INDIA			3	58	6	1
363147	RADITA	INDIA			2	36	6	1
363148	RADITA	INDIA	CHINA MUNG		2	25	9	1
363149	RADITA	INDIA			2	29	6	1
363150	RADITA	INDIA			2	44	6	1
363152	RADITA	INDIA			3	51	7	1
363153	RADITA	INDIA	MUNG NO T-1		3	42	9	1
363154	RADITA	INDIA	CHINA MUNG		3	55	6	1
363155	RADITA	INDIA			3	59	7	1
363156	RADITA	INDIA			3	51	7	7
363158	RADITA	INDIA			3	51	7	1
363159	RADITA	INDIA			3	84	5	1
363160	RADITA	INDIA			3	71	5	1
363161	RADITA	INDIA			3	76	6	1
363162	RADITA	INDIA			3	76	5	7
363163	RADITA	INDIA			3	42	7	1
363164	RADITA	INDIA			3	58	7	1
363165	RADITA	INDIA			3	51	6	1
363166	RADITA	INDIA			3	30	7	1
363167	RADITA	INDIA			3	76	7	1
363168	RADITA	INDIA			3	86	6	1
363170	RADITA	INDIA			1	51	9	1
363171	RADITA	INDIA			1	58	7	1
363172	RADITA	INDIA			1	61	7	1
363173	RADITA	INDIA			3	51	6	1
363174	RADITA	INDIA			1	51	9	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363175	RADITA	INDIA			2	76	7	1
363176	RADITA	INDIA	CHINA NO 3		3	25	6	1
363178	RADITA	INDIA			3	41	6	1
363179	RADITA	INDIA			3	76	6	1
363180	RADITA	INDIA			3	59	5	1
363181	RADITA	INDIA			3	71	5	1
363183	RADITA	INDIA			3	61	7	1
363184	RADITA	INDIA			1	96	7	1
363185	RADITA	INDIA	CHINA MUNG		2	21	9	1
363186	RADITA	INDIA			3	81	8	1
363187	RADITA	INDIA			3	76	8	1
363188	RADITA	INDIA			1	76	7	1
363189	RADITA	INDIA			1	55	7	1
363190	RADITA	INDIA	GWALIOR 3		3	76	6	1
363191	RADITA	INDIA			1	53	7	1
363192	RADITA	INDIA			3	82	7	1
363193	RADITA	INDIA			3	76	8	1
363194	RADITA	INDIA			3	55	6	1
363195	RADITA	INDIA			3	71	8	1
363196	RADITA	INDIA			3	51	7	1
363197	RADITA	INDIA			3	51	7	1
363198	RADITA	INDIA			3	76	7	7
363199	RADITA	INDIA			3	51	7	7
363200	RADITA	INDIA			3	76	7	3
363202	RADITA	INDIA			2	27	9	1
363203	RADITA	INDIA			1	51	8	7
363204	RADITA	INDIA			3	55	10	1
363205	RADITA	INDIA			3	58	9	1
363206	RADITA	INDIA			3	55	7	1
363207	RADITA	INDIA			3	55	7	7
363208	RADITA	INDIA			3	51	6	1
363209	RADITA	INDIA			1	53	7	6
363210	RADITA	INDIA			1	64	7	1
363211	RADITA	INDIA			1	61	7	1
363212	RADITA	INDIA			1	71	7	1
363213	RADITA	INDIA			1	56	6	1
363214	RADITA	INDIA			3	66	6	1
363215	RADITA	INDIA			1	76	7	1
363216	RADITA	INDIA			3	61	6	1
363217	RADITA	INDIA			3	71	7	2
363218	RADITA	INDIA			3	76	7	1
363219	RADITA	INDIA			3	36	8	1
363220	RADITA	INDIA			3	76	7	1
363221	RADITA	INDIA			3	76	7	1
363222	RADITA	INDIA			3	76	7	1
363223	RADITA	INDIA			3	71	6	1
363224	RADITA	INDIA			3	76	6	1
363225	RADITA	INDIA			3	61	7	1
363226	RADITA	INDIA	MARJ 9		3	51	7	1
363227	RADITA	INDIA	MARJ 14		1	41	6	1
363228	RADITA	INDIA	MARJ 1		3	71	7	1
363229	RADITA	INDIA	MARJ 9		3	76	6	1
363230	RADITA	INDIA	MARJ 10		1	56	6	1
363231	RADITA	INDIA	MARJ 6		1	56	6	1
363232	RADITA	INDIA	MARJ 8		3	51	6	1
363233	RADITA	INDIA	MARJ 3		3	48	6	1
363235	RADITA	INDIA	MARJ 4		3	56	7	1
363236	RADITA	INDIA	MARJ 2		1	86	6	1
363237	RADITA	INDIA	MARJ 5		1	76	9	1
363238	RADITA	INDIA	MARJ 13		1	91	5	1
363239	RADITA	INDIA			3	41	6	1
363240	RADITA	INDIA			3	61	6	1
363241	RADITA	INDIA			1	58	8	1



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363242	RADITA	INDIA			1	71	6	1
363243	RADITA	INDIA			1	81	6	1
363244	RADITA	INDIA			3	97	8	1
363245	RADITA	INDIA			3	91	7	1
363246	RADITA	INDIA			3	61	7	1
363247	RADITA	INDIA			3	64	7	1
363248	RADITA	INDIA			3	56	6	1
363249	RADITA	INDIA			3	76	5	1
363250	RADITA	INDIA			3	58	8	1
363251	RADITA	INDIA			3	56	6	3
363252	RADITA	INDIA			3	46	7	7
363253	RADITA	INDIA			3	51	8	1
363254	RADITA	INDIA			3	71	6	1
363255	RADITA	INDIA			3	71	7	1
363256	RADITA	INDIA			3	71	6	1
363257	RADITA	INDIA			3	61	7	1
363258	RADITA	INDIA			1	69	6	1
363259	RADITA	INDIA			3	48	7	1
363260	RADITA	INDIA			1	58	7	7
363261	RADITA	INDIA			1	51	6	1
363262	RADITA	INDIA			3	56	7	1
363263	RADITA	INDIA			1	81	6	1
363264	RADITA	INDIA			1	76	7	1
363265	RADITA	INDIA			1	71	8	1
363266	RADITA	INDIA			3	51	6	1
363267	RADITA	INDIA			3	36	6	1
363268	RADITA	INDIA			3	91	5	1
363269	RADITA	INDIA			3	51	7	1
363270	RADITA	INDIA			1	76	6	1
363271	RADITA	INDIA			1	64	7	1
363272	RADITA	INDIA			3	56	9	1
363273	RADITA	INDIA			3	56	8	1
363274	RADITA	INDIA			3	71	6	1
363275	RADITA	INDIA			1	69	6	1
363276	RADITA	INDIA			3	36	5	1
363277	RADITA	INDIA			3	30	4	1
363278	RADITA	INDIA			3	46	6	1
363279	RADITA	INDIA			3	61	4	1
363280	RADITA	INDIA			1	76	6	1
363281	RADITA	INDIA			3	56	6	1
363282	RADITA	INDIA			1	56	6	1
363283	RADITA	INDIA			3	51	7	1
363284	RADITA	INDIA			3	86	6	1
363285	RADITA	INDIA			3	84	6	1
363286	RADITA	INDIA			3	61	6	1
363287	RADITA	INDIA			1	61	6	1
363288	RADITA	INDIA			3	76	6	7
363289	RADITA	INDIA			1	81	6	1
363290	RADITA	INDIA			1	81	7	1
363291	RADITA	INDIA			3	76	6	1
363292	RADITA	INDIA			1	79	6	1
363293	RADITA	INDIA			1	71	7	1
363294	RADITA	INDIA			3	66	6	1
363295	RADITA	INDIA			1	81	6	1
363296	RADITA	INDIA			1	74	6	1
363297	RADITA	INDIA			1	86	7	1
363298	RADITA	INDIA			1	71	6	1
363299	RADITA	INDIA			1	89	6	1
363300	RADITA	INDIA			1	61	7	1
363301	RADITA	INDIA			1	61	8	1
363302	RADITA	INDIA			3	51	9	1
363303	RADITA	INDIA			1	76	9	1
363304	RADITA	INDIA			3	58	8	1
363305	RADITA	INDIA			1	64	7	1

P.I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363306	RADITA	INDIA			1	71	8	1
363307	RADITA	INDIA			3	51	6	1
363308	RADITA	INDIA			1	76	9	1
363309	RADITA	INDIA			1	91	7	1
363310	RADITA	INDIA			1	84	5	1
363311	RADITA	INDIA			3	86	6	1
363312	RADITA	INDIA			3	91	7	1
363315	RADITA	INDIA			3	76	7	1
363316	RADITA	INDIA	KHARAGON-1		2	36	9	1
363317	RADITA	INDIA			1	56	7	1
363318	RADITA	INDIA			3	59	7	1
363319	RADITA	INDIA			1	91	6	1
363320	RADITA	INDIA			3	46	8	1
363321	RADITA	INDIA			3	61	6	1
363322	RADITA	INDIA			3	58	7	1
363323	RADITA	INDIA			3	48	7	1
363324	RADITA	INDIA			2	30	9	1
363325	RADITA	INDIA			3	86	6	1
363326	RADITA	INDIA			3	56	6	3
363327	RADITA	INDIA			1	91	6	7
363328	RADITA	INDIA			3	41	6	1
363329	RADITA	INDIA			1	56	6	1
363330	RADITA	INDIA			3	56	7	1
363331	RADITA	INDIA			1	91	7	1
363332	RADITA	INDIA	MOONG 9		3	56	6	1
363333	RADITA	INDIA			1	91	8	6
363334	RADITA	INDIA			3	51	8	1
363335	RADITA	INDIA			1	64	7	3
363336	RADITA	INDIA			3	46	6	7
363337	RADITA	INDIA			3	66	6	1
363338	RADITA	INDIA			1	56	6	1
363339	RADITA	INDIA			1	66	6	1
363340	RADITA	INDIA	PUNJAB 48		3	56	8	1
363341	RADITA	INDIA			3	76	6	1
363342	RADITA	INDIA			3	58	5	1
363343	RADITA	INDIA			1	71	7	1
363344	RADITA	INDIA			3	76	6	1
363345	RADITA	INDIA			3	61	7	6
363346	RADITA	INDIA			3	51	6	1
363347	RADITA	INDIA			3	56	7	1
363348	RADITA	INDIA			1	61	6	1
363349	RADITA	INDIA			1	61	6	7
363350	RADITA	INDIA			3	56	9	1
363351	RADITA	INDIA			1	61	7	1
363352	RADITA	INDIA			1	71	6	1
363353	RADITA	INDIA			1	81	6	1
363354	RADITA	INDIA	YELLOW SATARA		3	58	6	6
363355	RADITA	INDIA			3	61	7	1
363356	RADITA	INDIA			3	36	7	1
363357	RADITA	INDIA			1	66	7	1
363358	RADITA	INDIA	SAWANI		2	36	8	1
363359	RADITA	INDIA	HYB-5		2	30	7	1
363360	RADITA	INDIA	BOLD		2	25	10	1
363361	RADITA	INDIA			1	86	7	6
363362	RADITA	INDIA			2	36	8	7
363363	RADITA	INDIA			3	56	7	1
363364	RADITA	INDIA			3	56	7	7
363365	RADITA	INDIA			1	61	6	1
363366	RADITA	INDIA			3	61	7	1
363367	RADITA	INDIA	HYB-97		1	97	7	1
363368	RADITA	INDIA			3	79	7	7
363369	RADITA	INDIA			3	86	7	1
363370	RADITA	INDIA			1	64	6	1
363371	RADITA	INDIA			3	58	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363372	RADITA	INDIA			1	64	6	1
363373	RADITA	INDIA			3	58	8	1
363374	RADITA	INDIA			3	51	7	1
363375	RADITA	INDIA			3	58	6	1
363376	RADITA	INDIA			3	71	7	1
363377	RADITA	INDIA			3	56	8	1
363378	RADITA	INDIA			3	91	7	1
363379	RADITA	INDIA			3	66	6	1
363380	RADITA	INDIA			3	36	7	1
363381	RADITA	INDIA			2	25	9	1
363382	RADITA	INDIA			1	74	6	1
363383	RADITA	INDIA	5-MOONG		1	66	6	1
363384	RADITA	INDIA	HYB-4		3	69	7	1
363385	RADITA	INDIA			3	56	6	1
363386	RADITA	INDIA			1	84	6	1
363387	RADITA	INDIA			1	89	6	3
363389	RADITA	INDIA			3	61	6	3
363390	RADITA	INDIA			3	69	5	1
363391	RADITA	INDIA			3	30	6	1
363392	RADITA	INDIA			3	58	7	1
363393	RADITA	INDIA			3	76	6	7
363394	RADITA	INDIA			1	61	6	7
363395	RADITA	INDIA			1	76	6	1
363396	RADITA	INDIA			3	86	7	1
363397	RADITA	INDIA			3	81	6	1
363398	RADITA	INDIA	RAJJRA		1	76	7	1
363400	RADITA	INDIA			1	76	9	1
363401	RADITA	INDIA			1	89	6	1
363402	RADITA	INDIA			3	46	6	1
363403	RADITA	INDIA			3	69	7	1
363404	RADITA	INDIA			3	79	5	1
363405	RADITA	INDIA			3	84	6	1
363406	RADITA	INDIA			3	48	7	1
363407	RADITA	INDIA			3	56	7	1
363408	RADITA	INDIA			3	79	10	1
363410	RADITA	INDIA			3	76	6	1
363412	RADITA	INDIA			2	25	9	6
363413	RADITA	INDIA			3	71	6	7
363414	RADITA	INDIA			3	56	6	1
363415	RADITA	INDIA			3	46	6	3
363416	RADITA	INDIA	HYB-4		2	43	8	1
363417	RADITA	INDIA	11-MOONG		3	64	6	2
363418	RADITA	INDIA			3	79	7	1
363419	RADITA	INDIA			3	51	7	1
363420	RADITA	INDIA			3	56	8	1
363421	RADITA	INDIA			3	69	8	1
363422	RADITA	INDIA			2	28	8	1
363423	RADITA	INDIA			3	84	6	3
363424	RADITA	INDIA			3	66	7	1
363426	RADITA	INDIA	MOONG ER-3		3	38	6	7
363427	RADITA	INDIA			3	64	6	7
363428	RADITA	INDIA			3	61	6	1
363429	RADITA	INDIA			3	51	7	1
363430	RADITA	INDIA			3	61	8	1
363431	RADITA	INDIA			1	86	6	1
363433	RADITA	INDIA	HYB-71XR-12X160		3	74	8	6
363434	RADITA	INDIA			3	89	6	1
363435	RADITA	INDIA			3	89	6	1
363436	RADITA	INDIA			1	79	6	1
363437	RADITA	INDIA	CHINA 49		2	24	8	1
363438	RADITA	INDIA			3	51	5	1
363439	RADITA	INDIA			3	74	5	1
363440	RADITA	INDIA			1	81	5	7

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363442	RADITA	INDIA	MISTY CYCLONE		3	84	5	1
363443	RADITA	INDIA			3	84	6	3
363444	RADITA	INDIA			3	66	8	1
363445	RADITA	INDIA	CHINA 781		2	28	8	6
363446	RADITA	INDIA			3	76	8	1
363448	RADITA	INDIA			1	58	7	1
363449	RADITA	INDIA			1	66	6	7
363450	RADITA	INDIA			3	71	8	1
363451	RADITA	INDIA	DHULIA 196		3	71	6	1
363452	RADITA	INDIA			1	66	6	1
363453	RADITA	INDIA			1	61	7	1
363454	RADITA	INDIA			3	79	7	7
363455	RADITA	INDIA			1	69	8	1
363456	RADITA	INDIA	SIND 4		3	61	5	1
363457	RADITA	INDIA			1	61	6	1
363458	RADITA	INDIA			3	38	6	1
363459	RADITA	INDIA			3	38	7	1
363461	RADITA	INDIA			3	46	5	1
363462	RADITA	INDIA	SIND 5		1	81	6	1
363463	RADITA	INDIA			3	71	5	1
363464	RADITA	INDIA			1	79	6	1
363465	RADITA	INDIA			3	79	6	7
363466	RADITA	INDIA			3	66	6	1
363467	RADITA	INDIA	CHINA 781		3	71	8	1
363468	RADITA	INDIA	YELLOW KHANDALA		3	71	9	1
363469	RADITA	INDIA			3	71	5	6
363470	RADITA	INDIA			3	58	9	1
363471	RADITA	INDIA			3	69	6	1
363472	RADITA	INDIA	CHINA 781		2	43	16	6
363473	RADITA	INDIA			3	71	6	3
363474	RADITA	INDIA			1	66	6	1
363475	RADITA	INDIA			1	66	6	1
363476	RADITA	INDIA			1	76	6	1
363477	RADITA	INDIA			3	53	6	1
363478	RADITA	INDIA			3	69	9	1
363479	RADITA	INDIA			3	61	7	1
363480	RADITA	INDIA			3	56	6	3
363481	RADITA	INDIA			3	51	7	1
363482	RADITA	INDIA	KOPERGAON		3	53	6	1
363483	RADITA	INDIA			3	84	8	1
363484	RADITA	INDIA			3	64	6	1
363485	RADITA	INDIA			3	64	6	1
363486	RADITA	INDIA			3	61	7	1
363487	RADITA	INDIA			3	38	7	1
363488	RADITA	INDIA			1	76	6	1
363489	RADITA	INDIA			3	56	6	1
363490	RADITA	INDIA			3	58	8	1
363491	RADITA	INDIA			3	64	7	7
363492	RADITA	INDIA	KRISHA 11		3	69	7	1
363493	RADITA	INDIA			3	61	7	1
363494	RADITA	INDIA			3	69	6	1
363495	RADITA	INDIA			3	76	6	6
363496	RADITA	INDIA			3	91	6	6
363497	RADITA	INDIA			3	76	6	1
363498	RADITA	INDIA			3	51	7	1
363499	RADITA	INDIA			1	97	7	7
363500	RADITA	INDIA			3	66	6	1
363502	RADITA	INDIA			3	61	6	3
363503	RADITA	INDIA	MING 6		3	61	7	1
363504	RADITA	INDIA			3	74	6	1
363505	RADITA	INDIA			2	46	9	1
363506	RADITA	INDIA			3	56	7	1
363507	RADITA	INDIA			3	84	5	7



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363508	RADITA	INDIA			3	86	7	1
363509	RADITA	INDIA			3	64	6	1
363510	RADITA	INDIA			3	76	6	1
363511	RADITA	INDIA			3	51	5	1
363512	RADITA	INDIA			3	69	5	1
363513	RADITA	INDIA			3	61	6	1
363514	RADITA	INDIA			3	58	7	1
363515	RADITA	INDIA			3	58	6	3
363516	RADITA	INDIA			3	46	6	1
363517	RADITA	INDIA	HYB 2		3	51	7	1
363518	RADITA	INDIA	KOPERGAON		3	71	8	1
363519	RADITA	INDIA			1	76	6	1
363520	RADITA	INDIA			3	81	6	1
363522	RADITA	INDIA			3	66	6	1
363523	RADITA	INDIA			3	56	7	1
363524	RADITA	INDIA	HYB-7		3	64	6	1
363525	RADITA	INDIA			3	86	5	1
363527	RADITA	INDIA			3	74	7	7
363528	RADITA	INDIA			3	81	8	1
363529	RADITA	INDIA			3	64	8	1
363530	RADITA	INDIA	CHINA 1-49		3	81	7	1
363531	RADITA	INDIA			3	66	6	1
363532	RADITA	INDIA			1	74	6	6
363533	RADITA	INDIA			3	66	6	1
363534	RADITA	INDIA			3	79	6	1
363535	RADITA	INDIA	CHAMKI		3	58	7	1
363536	RADITA	INDIA			1	69	8	1
363537	RADITA	INDIA			3	43	8	1
363538	RADITA	INDIA			1	71	6	1
363539	RADITA	INDIA			3	61	7	1
363540	RADITA	INDIA			3	66	6	1
363541	RADITA	INDIA			1	53	5	1
363542	RADITA	INDIA			3	71	7	1
363543	RADITA	INDIA	EARLY INTRODUCTION 4		3	71	8	1
363544	RADITA	INDIA			1	71	6	1
363545	RADITA	INDIA			1	76	7	1
363546	RADITA	INDIA			3	84	6	1
363547	RADITA	INDIA			1	84	6	7
363549	RADITA	INDIA			1	74	6	1
363550	RADITA	INDIA			3	69	6	1
363551	RADITA	INDIA			3	61	10	1
363552	RADITA	INDIA			1	74	6	1
363553	RADITA	INDIA			3	69	6	6
363554	RADITA	INDIA			1	81	6	7
363555	RADITA	INDIA	GLOSSY CYCLONE		3	48	10	1
363556	RADITA	INDIA			3	76	5	1
363557	RADITA	INDIA			3	48	7	1
363558	RADITA	INDIA	YELLOW		3	61	7	7
363559	RADITA	INDIA			3	71	7	1
363560	RADITA	INDIA			1	66	7	1
363561	RADITA	INDIA	HYB 80		3	66	5	1
363562	RADITA	INDIA			3	69	7	1
363563	RADITA	INDIA			3	76	7	1
363564	RADITA	INDIA	HYB 103		1	91	7	1
363565	RADITA	INDIA			3	46	6	1
363566	RADITA	INDIA			3	76	6	1
363567	RADITA	INDIA			3	71	6	1
363568	RADITA	INDIA			3	81	6	1
363569	RADITA	INDIA			3	71	7	1
363570	RADITA	INDIA			3	69	7	1
363571	RADITA	INDIA			1	51	7	1
363572	RADITA	INDIA			3	61	6	1
363573	RADITA	INDIA			3	66	6	1
363574	RADITA	INDIA			3	74	6	3
363575	RADITA	INDIA			1	84	5	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363576	RADITA	INDIA	MODNG 9 CHINA 781		3	58	6	1
363577	RADITA	INDIA			3	58	6	1
363578	RADITA	INDIA			3	56	8	7
363579	RADITA	INDIA			3	48	8	1
363580	RADITA	INDIA			3	76	7	7
363581	RADITA	INDIA	CHINA 49		3	61	7	1
363582	RADITA	INDIA			3	28	8	1
363583	RADITA	INDIA			3	64	10	1
363584	RADITA	INDIA			3	48	8	7
363585	RADITA	INDIA			3	43	5	1
363586	RADITA	INDIA			1	69	9	1
363587	RADITA	INDIA			3	79	6	6
363588	RADITA	INDIA			3	58	6	1
363589	RADITA	INDIA			3	71	9	1
363590	RADITA	INDIA			3	51	9	1
363591	RADITA	INDIA			3	69	6	1
363592	RADITA	INDIA			3	51	6	1
363593	RADITA	INDIA			3	53	5	1
363594	RADITA	INDIA			3	58	9	7
363595	RADITA	INDIA			3	76	6	1
363596	RADITA	INDIA	CHAMKI		3	48	8	1
363597	RADITA	INDIA			3	33	6	1
363598	RADITA	INDIA			3	71	7	3
363599	RADITA	INDIA			3	51	6	1
363600	RADITA	INDIA			1	46	8	1
363601	RADITA	INDIA	BOLD CHAMIKI		3	69	8	7
363602	RADITA	INDIA			3	64	7	3
363603	RADITA	INDIA			3	46	8	1
363604	RADITA	INDIA			3	51	10	1
363605	RADITA	INDIA			1	76	7	7
363606	RADITA	INDIA	CHINA 781		3	33	8	1
363607	RADITA	INDIA			1	61	7	1
363608	RADITA	INDIA			1	71	6	1
363609	RADITA	INDIA			3	41	8	1
363611	RADITA	INDIA			3	61	6	1
363612	RADITA	INDIA	KHARGONE 56-7		3	76	5	1
363613	RADITA	INDIA			3	36	6	1
363614	RADITA	INDIA			1	76	6	1
363615	RADITA	INDIA			3	71	11	1
363616	RADITA	INDIA			3	46	8	1
363617	RADITA	INDIA			3	51	8	1
363618	RADITA	INDIA			3	41	7	1
363619	RADITA	INDIA			3	66	9	1
363620	RADITA	INDIA			1	74	7	1
363621	RADITA	INDIA			3	51	6	1
363623	RADITA	INDIA			3	56	6	1
363624	RADITA	INDIA			3	71	7	1
363625	RADITA	INDIA			3	79	6	1
363626	RADITA	INDIA			1	84	6	1
363627	RADITA	INDIA			1	69	6	1
363628	RADITA	INDIA			3	64	6	1
363629	RADITA	INDIA			1	56	6	1
363630	RADITA	INDIA			1	76	5	1
363631	RADITA	INDIA			3	48	5	1
363632	RADITA	INDIA			3	74	5	2
363633	RADITA	INDIA			3	56	8	1
363634	RADITA	INDIA			1	89	6	2
363635	RADITA	INDIA			3	48	8	1
363636	RADITA	INDIA			3	56	6	1
363637	RADITA	INDIA			3	64	7	1
363638	RADITA	INDIA			3	56	7	1
363639	RADITA	INDIA			3	76	8	1
363640	RADITA	INDIA			3	51	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363642	RADITA	INDIA			1	64	7	1
363643	RADITA	INDIA			1	74	6	1
363644	RADITA	INDIA			3	28	7	3
363645	RADITA	INDIA			3	64	7	1
363646	RADITA	INDIA			1	79	6	1
363647	RADITA	INDIA			1	58	6	1
363648	RADITA	INDIA			1	61	8	7
363649	RADITA	INDIA			1	76	6	1
363650	RADITA	INDIA			3	81	7	7
363651	RADITA	INDIA			3	71	6	1
363652	RADITA	INDIA			1	51	5	1
363653	RADITA	INDIA			1	51	7	1
363654	RADITA	INDIA			1	51	7	1
363656	RADITA	INDIA			3	81	5	1
363657	RADITA	INDIA			3	51	5	1
363658	RADITA	INDIA			1	69	7	7
363659	RADITA	INDIA			1	64	8	7
363660	RADITA	INDIA			1	56	7	7
363661	RADITA	INDIA			1	71	6	1
363662	RADITA	INDIA			1	79	6	1
363663	RADITA	INDIA			1	71	6	1
363664	RADITA	INDIA			1	81	6	7
363665	RADITA	INDIA			1	56	7	1
363666	RADITA	INDIA			1	71	7	1
363667	RADITA	INDIA			1	76	6	7
363668	RADITA	INDIA			1	84	6	1
363669	RADITA	INDIA			1	76	6	1
363670	RADITA	INDIA			1	56	5	1
363671	RADITA	INDIA			1	74	7	7
363672	RADITA	INDIA			3	86	6	7
363674	RADITA	INDIA			1	71	6	1
363675	RADITA	INDIA			1	71	7	7
363676	RADITA	INDIA			1	64	6	1
363677	RADITA	INDIA			1	38	7	7
363678	RADITA	INDIA			3	66	6	1
363679	RADITA	INDIA			3	43	6	1
363680	RADITA	INDIA			3	64	9	1
363681	RADITA	INDIA			3	30	9	1
363683	RADITA	INDIA			3	43	7	7
363684	RADITA	INDIA			1	56	7	1
363686	RADITA	INDIA			3	30	6	7
363687	RADITA	INDIA			3	41	6	1
363688	RADITA	INDIA			3	48	6	7
363689	RADITA	INDIA			3	56	6	1
363690	RADITA	INDIA			3	66	5	1
363691	RADITA	INDIA			3	69	6	7
363692	RADITA	INDIA			3	71	6	1
363693	RADITA	INDIA			3	71	5	1
363694	RADITA	INDIA			3	76	6	1
363695	RADITA	INDIA			3	48	6	1
363696	RADITA	INDIA			3	38	8	1
363697	RADITA	INDIA			3	33	8	7
363698	RADITA	INDIA			3	61	7	7
363699	RADITA	INDIA			1	81	6	1
363700	RADITA	INDIA			3	69	5	7
363701	RADITA	INDIA			3	56	8	1
363702	RADITA	INDIA			1	64	7	1
363703	RADITA	INDIA			1	66	6	1
363704	RADITA	INDIA			3	43	6	1
363706	RADITA	INDIA			3	61	7	1
363707	RADITA	INDIA			3	79	7	1
363708	RADITA	INDIA			3	53	6	1
363709	RADITA	INDIA			3	71	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363710	RADITA	INDIA			3	79	6	1
363711	RADITA	INDIA			3	56	7	7
363712	RADITA	INDIA			3	66	6	1
363713	RADITA	INDIA			3	71	7	7
363714	RADITA	INDIA			3	61	7	7
363715	RADITA	INDIA			3	38	5	1
363716	RADITA	INDIA			1	71	6	1
363717	RADITA	INDIA			3	66	8	1
363718	RADITA	INDIA			3	76	6	1
363719	RADITA	INDIA			3	61	7	7
363720	RADITA	INDIA			3	61	6	1
363721	RADITA	INDIA			3	71	6	7
363722	RADITA	INDIA			3	58	7	1
363723	RADITA	INDIA			3	46	7	1
363724	RADITA	INDIA			3	48	6	7
363725	RADITA	INDIA			3	61	6	1
363726	RADITA	INDIA			3	58	6	1
363727	RADITA	INDIA			3	58	7	1
363728	RADITA	INDIA			1	58	6	1
363729	RADITA	INDIA			1	86	6	1
363730	RADITA	INDIA			3	64	6	1
363731	RADITA	INDIA			3	79	6	1
363732	RADITA	INDIA			1	76	7	7
363733	RADITA	INDIA			1	51	7	7
363734	RADITA	INDIA			3	74	7	1
363735	RADITA	INDIA			3	51	6	1
363736	RADITA	INDIA			1	97	7	1
363737	RADITA	INDIA			1	71	6	1
363741	RADITA	INDIA			3	46	6	1
363742	RADITA	INDIA			3	46	6	1
363744	RADITA	INDIA			1	71	7	1
363745	RADITA	INDIA			3	41	8	1
363746	RADITA	INDIA			1	48	6	1
363747	RADITA	INDIA			1	58	4	1
363748	RADITA	INDIA			3	51	6	1
363749	RADITA	INDIA			3	51	5	1
363750	RADITA	INDIA			1	53	6	1
363751	RADITA	INDIA			3	43	8	7
363752	RADITA	INDIA			1	71	7	7
363753	RADITA	INDIA			1	51	6	6
363754	RADITA	INDIA			2	30	7	1
363755	RADITA	INDIA			3	46	6	3
363756	RADITA	INDIA			3	58	7	7
363757	RADITA	INDIA			1	58	6	1
363758	RADITA	INDIA			3	64	6	1
363759	RADITA	INDIA			3	71	4	1
363760	RADITA	INDIA			1	64	7	1
363761	RADITA	INDIA			3	74	7	1
363762	RADITA	INDIA			1	69	6	1
363763	RADITA	INDIA			2	33	8	1
363764	RADITA	INDIA			3	64	8	1
363765	RADITA	INDIA			3	33	7	1
363766	RADITA	INDIA			3	43	7	1
363767	RADITA	INDIA	KOPERGAON		3	71	8	1
363768	RADITA	INDIA	KOPERGAON-1		3	48	7	1
363769	RADITA	INDIA	KRISHNA-11		3	61	7	1
363770	RADITA	INDIA			3	58	7	1
363771	RADITA	INDIA	MOONG 124-69-74		3	51	8	1
363772	RADITA	INDIA			3	41	9	7
363773	RADITA	INDIA			1	28	6	1
363774	RADITA	INDIA			1	43	5	3
363775	RADITA	INDIA			3	41	8	1
363776	RADITA	INDIA			1	43	7	1
363777	RADITA	INDIA			1	43	6	2



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363778	RADITA	INDIA			1	58	5	1
363779	RADITA	INDIA			1	41	8	1
363780	RADITA	INDIA			1	64	6	1
363781	RADITA	INDIA			1	71	6	3
363782	RADITA	INDIA			1	43	6	1
363783	RADITA	INDIA			1	58	8	3
363784	RADITA	INDIA			1	38	7	1
363785	RADITA	INDIA			1	64	6	1
363786	RADITA	INDIA			1	69	6	1
363787	RADITA	INDIA			1	58	6	1
363788	RADITA	INDIA			1	61	7	1
363789	RADITA	INDIA			1	46	7	1
363790	RADITA	INDIA			1	30	6	1
363791	RADITA	INDIA			1	53	5	1
363792	RADITA	INDIA			1	41	7	1
363793	RADITA	INDIA			1	51	6	2
363794	RADITA	INDIA			1	43	6	1
363795	RADITA	INDIA			1	64	9	1
363796	RADITA	INDIA			3	56	7	1
363797	RADITA	INDIA			3	46	6	1
363798	RADITA	INDIA			3	58	6	1
363799	RADITA	INDIA			3	56	6	1
363800	RADITA	INDIA			1	58	5	1
363801	RADITA	INDIA			1	71	7	1
363802	RADITA	INDIA			1	56	5	1
363803	RADITA	INDIA			1	71	7	1
363804	RADITA	INDIA			1	71	9	1
363806	RADITA	INDIA			1	71	7	1
363807	RADITA	INDIA			1	43	8	1
363808	RADITA	INDIA			3	69	6	1
363809	RADITA	INDIA			3	58	7	7
363810	RADITA	INDIA			3	58	7	1
363811	RADITA	INDIA			3	46	8	1
363812	RADITA	INDIA			3	51	7	1
363813	RADITA	INDIA			3	51	7	1
363814	RADITA	INDIA			1	71	7	7
363815	RADITA	INDIA			3	51		
363816	RADITA	INDIA			3	38	6	1
363817	RADITA	INDIA	DOBA MUNG		3	28	6	1
363818	RADITA	INDIA	GHAIR MUNG		1	89	7	1
363819	RADITA	INDIA			3	30	6	2
363820	RADITA	INDIA			3	46	5	1
363821	RADITA	INDIA			3	46	6	1
363822	RADITA	INDIA			1	51	6	1
363823	RADITA	INDIA			3	46	7	1
363824	RADITA	INDIA			3	56	6	1
363825	RADITA	INDIA			3	46	6	1
363826	RADITA	INDIA						
363827	RADITA	INDIA			3	66	8	1
363828	RADITA	INDIA			3	46	7	1
363830	RADITA	INDIA			3	56	7	1
363832	RADITA	INDIA			1	56	8	1
363833	RADITA	INDIA			1	66	7	1
363834	RADITA	INDIA			1	64	5	1
363835	RADITA	INDIA			3	56	6	1
363836	RADITA	INDIA			3	56	6	1
363837	RADITA	INDIA			3	43	7	1
363838	RADITA	INDIA			3	38	6	1
363839	RADITA	INDIA			1	56	6	1
363840	RADITA	INDIA			1	36	6	1
363841	RADITA	INDIA			1	79	7	1
363842	RADITA	INDIA	HYB 45		1	69	7	1
363843	RADITA	INDIA			3	33	5	3
363844	RADITA	INDIA			3	61	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363845	RADITA	INDIA			3	58	6	I
363846	RADITA	INDIA			3	66	6	I
363847	RADITA	INDIA			1	56	7	I
363848	RADITA	INDIA			3	56	6	I
363849	RADITA	INDIA			1	69	6	I
363850	RADITA	INDIA			3	64	6	3
363851	RADITA	INDIA			3	66	5	I
363852	RADITA	INDIA			3	53	5	I
363853	RADITA	INDIA			3	64	7	I
363854	RADITA	INDIA			3	58	6	I
363856	RADITA	INDIA			1	66	7	I
363857	RADITA	INDIA			1	53	8	I
363858	RADITA	INDIA			3	64	6	I
363859	RADITA	INDIA			3	64	6	7
363860	RADITA	INDIA			1	79	6	7
363861	RADITA	INDIA			1	53	6	I
363862	RADITA	INDIA			1	46	7	I
363863	RADITA	INDIA			3	46	6	I
363864	RADITA	INDIA			1	74	6	I
363865	RADITA	INDIA			1	46	6	I
363866	RADITA	INDIA			3	58	6	I
363867	RADITA	INDIA			3	51	6	7
363868	RADITA	INDIA			3	76	6	7
363869	RADITA	INDIA			3	58	6	I
363871	RADITA	INDIA			3	56	7	I
363872	RADITA	INDIA			3	74	5	I
363873	RADITA	INDIA			3	51	6	7
363874	RADITA	INDIA			1	86	6	I
363875	RADITA	INDIA			3	71	6	I
363876	RADITA	INDIA			3	64	5	I
363877	RADITA	INDIA			3	66	6	7
363878	RADITA	INDIA			1	76	6	I
363879	RADITA	INDIA			1	30	7	I
363880	RADITA	INDIA			1	46	6	I
363881	RADITA	INDIA			1	25	7	I
363883	RADITA	INDIA			1	28	6	7
363884	RADITA	INDIA			1	46	6	I
363885	RADITA	INDIA			1	33	8	7
363886	RADITA	INDIA			1	38	7	7
363887	RADITA	INDIA			3	36	6	I
363888	RADITA	INDIA			1	46	6	I
363889	RADITA	INDIA			1	51	7	I
363890	RADITA	INDIA			1	36	6	I
363891	RADITA	INDIA			1	81	6	I
363892	RADITA	INDIA			1	46	6	I
363893	RADITA	INDIA			1	48	7	I
363895	RADITA	INDIA			3	51	5	3
363897	RADITA	INDIA			3	46	4	7
363898	RADITA	INDIA			1	28	6	I
363899	RADITA	INDIA			3	33	8	I
363900	RADITA	INDIA			3	25	6	I
363901	RADITA	INDIA			3	25	8	3
363902	RADITA	INDIA			3	46	6	I
363903	RADITA	INDIA			3	51	6	I
363904	RADITA	INDIA			3	56	6	I
363905	RADITA	INDIA			3	48	7	I
363906	RADITA	INDIA			3	53	7	I
363907	RADITA	INDIA			3	38	7	I
363908	RADITA	INDIA			3	38	6	I
363909	RADITA	INDIA			3	56	8	7
363910	RADITA	INDIA			3	51	6	7
363911	RADITA	INDIA			3	46	6	I
363912	RADITA	INDIA			1	76	5	I

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363913	RADITA	INDIA			1	84	6	1
363914	RADITA	INDIA			1	76	6	1
363915	RADITA	INDIA			1	74	6	1
363916	RADITA	INDIA			1	61	6	1
363917	RADITA	INDIA			1	74	6	1
363918	RADITA	INDIA			1	81	6	1
363919	RADITA	INDIA			1	79	8	1
363920	RADITA	INDIA			1	81	7	1
363921	RADITA	INDIA			1	74	6	1
363922	RADITA	INDIA			3	51	6	7
363923	RADITA	INDIA			3	48	6	7
363924	RADITA	INDIA			3	71	7	7
363925	RADITA	INDIA			1	86	6	1
363926	RADITA	INDIA			3	64	7	7
363927	RADITA	INDIA			3	74	6	7
363928	RADITA	INDIA			1	81	7	1
363929	RADITA	INDIA			1	86	6	7
363930	RADITA	INDIA			1	79	5	1
363931	RADITA	INDIA			1	76	4	1
363932	RADITA	INDIA			3	48	6	1
363933	RADITA	INDIA			1	71	4	1
363934	RADITA	INDIA			1	58	5	7
363935	RADITA	INDIA			1	53	8	1
363936	RADITA	INDIA			1	56	7	7
363937	RADITA	INDIA			1	51	6	7
363938	RADITA	INDIA			3	51	6	7
363939	RADITA	INDIA			3	64	6	1
363940	RADITA	INDIA			3	69	6	1
363941	RADITA	INDIA			3	56	6	1
363942	RADITA	INDIA			1	84	9	1
363943	RADITA	INDIA			1	74	7	1
363944	RADITA	INDIA			1	84	7	1
363945	RADITA	INDIA			1	89	6	3
363946	RADITA	INDIA			1	64	6	1
363947	RADITA	INDIA			1	69	7	1
363948	RADITA	INDIA			1	86	8	1
363949	RADITA	INDIA			1	66	5	1
363950	RADITA	INDIA			1	66	7	1
363951	RADITA	INDIA			1	61	5	1
363952	RADITA	INDIA			1	61	7	1
363953	RADITA	INDIA			1	48	7	7
363954	RADITA	INDIA			1	38	7	1
363955	RADITA	INDIA			1	33	6	1
363956	RADITA	INDIA			1	61	7	1
363957	RADITA	INDIA			1	38	7	1
363959	RADITA	INDIA			3	33	7	1
363960	RADITA	INDIA			1	25	7	1
363961	RADITA	INDIA			1	46	6	1
363962	RADITA	INDIA			1	56	7	1
363963	RADITA	INDIA			1	53	6	7
363964	RADITA	INDIA			1	43	7	1
363965	RADITA	INDIA			1	41	6	1
363966	RADITA	INDIA			3	25	7	7
363967	RADITA	INDIA			1	51	6	7
363968	RADITA	INDIA			1	28	7	7
363969	RADITA	INDIA			1	38	6	1
363971	RADITA	INDIA			1	43	7	1
363972	RADITA	INDIA			3	30	7	1
363974	RADITA	INDIA			1	38	7	7
363975	RADITA	INDIA			1	51	6	7
363977	RADITA	INDIA			3	46	6	1
363980	RADITA	INDIA			3	41	6	1
363982	RADITA	INDIA			3	46	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
363984	RADITA	INDIA			3	48	7	1
363985	RADITA	INDIA			3	48	6	1
363986	RADITA	INDIA			3	51	5	1
363987	RADITA	INDIA			3	56	6	1
363988	RADITA	INDIA			1	46	7	1
363989	RADITA	INDIA			1	81	7	1
363993	RADITA	INDIA			1	79	6	7
363998	RADITA	INDIA			3	38	5	1
363999	RADITA	INDIA			1	71	7	1
364000	RADITA	INDIA			3	46	6	7
364001	RADITA	INDIA			1	48	6	1
364002	RADITA	INDIA			1	69	6	1
364003	RADITA	INDIA			1	84	6	1
364004	RADITA	INDIA			1	56	6	3
364005	RADITA	INDIA			1	61	7	3
364006	RADITA	INDIA			1	81	7	7
364007	RADITA	INDIA			1	46	8	7
364008	RADITA	INDIA			1	61	6	3
364009	RADITA	INDIA			1	79	5	1
364010	RADITA	INDIA			1	69	6	1
364011	RADITA	INDIA			1	66	7	1
364012	RADITA	INDIA			1	76	6	1
364013	RADITA	INDIA			1	76	7	1
364014	RADITA	INDIA			1	76	6	1
364015	RADITA	INDIA			1	51	6	7
364016	RADITA	INDIA			1	61	6	1
364017	RADITA	INDIA			1	84	6	1
364019	RADITA	INDIA			1	84	5	1
364020	RADITA	INDIA			1	84	7	1
364021	RADITA	INDIA			1	89	9	7
364022	RADITA	INDIA			1	84	6	1
364023	RADITA	INDIA			3	74	6	1
364024	RADITA	INDIA			1	81	6	1
364025	RADITA	INDIA			1	81	8	7
364027	RADITA	INDIA			1	79	7	1
364028	RADITA	INDIA			3	74	7	7
364029	RADITA	INDIA			3	69	6	7
364030	RADITA	INDIA			3	69	7	1
364031	RADITA	INDIA			1	94	8	1
364032	RADITA	INDIA			3	46	7	1
364033	RADITA	INDIA			1	89	7	7
364034	RADITA	INDIA			1	74	6	2
364035	RADITA	INDIA			1	69	7	7
364036	RADITA	INDIA			1	64	6	1
364037	RADITA	INDIA			1	91	7	1
364039	RADITA	INDIA			1	94	6	3
364040	RADITA	INDIA			1	81	8	1
364042	RADITA	INDIA			1	89	8	1
364044	RADITA	INDIA			1	79	7	3
364045	RADITA	INDIA			3	71	6	7
364046	RADITA	INDIA			3	56	6	1
364047	RADITA	INDIA			3	41	9	1
364048	RADITA	INDIA			3	76	6	3
364049	RADITA	INDIA			3	38	6	7
364050	RADITA	INDIA			1	79	7	1
364051	RADITA	INDIA			1	79	5	7
364052	RADITA	INDIA			1	86	7	1
364053	RADITA	INDIA			3	66	6	3
364054	RADITA	INDIA			1	76	7	3
364055	RADITA	INDIA			1	84	6	7
364056	RADITA	INDIA			1	74	6	1
364057	RADITA	INDIA			1	69	7	3
364058	RADITA	INDIA			1	79	6	1
364059	RADITA	INDIA			3	66	6	3
364060	RADITA	INDIA			3	56	6	3

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
364061	RADITA	INDIA			1	69	6	1
364062	RADITA	INDIA			3	76	6	3
364063	RADITA	INDIA			1	76	6	7
364064	RADITA	INDIA			1	71	6	7
364065	RADITA	INDIA			1	71	6	3
364066	RADITA	INDIA			1	76	6	1
364067	RADITA	INDIA			1	79	7	1
364068	RADITA	INDIA			3	76	4	1
364069	RADITA	INDIA			1	74	6	1
364070	RADITA	INDIA			1	69	8	1
364071	RADITA	INDIA			3	58	7	1
364072	RADITA	INDIA			1	43	7	7
364074	RADITA	INDIA			3	56	10	1
364076	RADITA	INDIA			1	76	7	1
364077	RADITA	INDIA			1	69	7	7
364078	RADITA	INDIA			1	46	5	1
364079	RADITA	INDIA			3	43	5	1
364080	RADITA	INDIA			1	94	6	1
364081	RADITA	INDIA			1	74	6	1
364082	RADITA	INDIA			1	79	6	1
364083	RADITA	INDIA			1	76	4	3
364084	RADITA	INDIA			1	71	8	1
364085	RADITA	INDIA			3	81	6	1
364086	RADITA	INDIA			1	84	8	1
364087	RADITA	INDIA			3	71	7	1
364088	RADITA	INDIA			3	79	8	7
364089	RADITA	INDIA			1	81	8	7
364090	RADITA	INDIA			1	79	5	1
364091	RADITA	INDIA			1	61	6	1
364092	RADITA	INDIA			1	81	6	1
364093	RADITA	INDIA			1	79	6	1
364094	RADITA	INDIA			1	84	5	1
364096	RADITA	INDIA			1	69	6	1
364097	RADITA	INDIA			1	81	5	1
364098	RADITA	INDIA			3	48	7	1
364099	RADITA	INDIA			3	56	6	7
364100	RADITA	INDIA			3	69	6	1
364101	RADITA	INDIA			1	64	6	7
364102	RADITA	INDIA			3	43	7	7
364103	RADITA	INDIA			3	61	6	1
364104	RADITA	INDIA			1	69	6	1
364105	RADITA	INDIA			3	69	7	1
364106	RADITA	INDIA						
364108	RADITA	INDIA			3	46	7	7
364109	RADITA	INDIA			3	64	6	1
364110	RADITA	INDIA			3	43	6	7
364111	RADITA	INDIA			1	66	6	1
364112	RADITA	INDIA			3	56	6	1
364113	RADITA	INDIA			3	64	7	1
364114	RADITA	INDIA			1	66	6	7
364115	RADITA	INDIA			1	81	7	1
364116	RADITA	INDIA			1	69	7	1
364118	RADITA	INDIA			3	53	7	1
364119	RADITA	INDIA			3	61	5	3
364120	RADITA	INDIA			1	69	5	1
364121	RADITA	INDIA			1	81	5	1
364122	RADITA	INDIA			3	79	6	1
364123	RADITA	INDIA			3	71	6	1
364124	RADITA	INDIA			3	71	7	1
364125	RADITA	INDIA			1	76	6	1
364126	RADITA	INDIA			1	79	6	1
364127	RADITA	INDIA			1	71	6	1
364128	RADITA	INDIA			1	71	6	1



P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	PDD LENGTH (CM)	SEED COLOR
364129	RADITA	INDIA			1	71	6	1
364130	RADITA	INDIA			1	74	6	1
364131	RADITA	INDIA			1	81	6	1
364132	RADITA	INDIA			1	71	6	1
364133	RADITA	INDIA			1	76	6	1
364134	RADITA	INDIA			3	51	6	1
364135	RADITA	INDIA			3	61	6	1
364136	RADITA	INDIA			1	81	6	7
364138	RADITA	INDIA			3	76	7	1
364139	RADITA	INDIA			1	74	6	1
364140	RADITA	INDIA			3	64	7	1
364141	RADITA	INDIA			3	69	9	1
364142	RADITA	INDIA			3	79	6	1
364143	RADITA	INDIA			3	71	6	1
364144	RADITA	INDIA			2	46	5	2
364145	RADITA	INDIA			1	69	6	1
364146	RADITA	INDIA			3	76	6	1
364147	RADITA	INDIA			3	61	6	1
364148	RADITA	INDIA			3	64	5	1
364149	RADITA	INDIA			2	84	6	1
364150	RADITA	INDIA			3	84	6	1
364151	RADITA	INDIA			3	61	9	1
364152	RADITA	INDIA			3	56	7	1
364153	RADITA	INDIA			3	58	6	1
364154	RADITA	INDIA			3	61	6	1
364155	RADITA	INDIA			3	74	6	1
364156	RADITA	INDIA			3	69	7	1
364157	RADITA	INDIA			3	74	6	1
364158	RADITA	INDIA			3	76	6	1
364159	RADITA	INDIA			3	56	6	1
364160	RADITA	INDIA			1	71	5	1
364161	RADITA	INDIA			1	66	5	1
364162	RADITA	INDIA			1	48	7	1
364163	RADITA	INDIA			3	46	6	1
364164	RADITA	INDIA			3	66	6	1
364165	RADITA	INDIA			3	69	5	1
364166	RADITA	INDIA			1	69	6	1
364167	RADITA	INDIA			3	46	6	1
364168	RADITA	INDIA			1	76	6	1
364169	RADITA	INDIA			3	76	6	1
364170	RADITA	INDIA			3	79	5	1
364171	RADITA	INDIA			1	74	7	1
364172	RADITA	INDIA			3	53	5	7
364173	RADITA	INDIA			3	53	8	1
364174	RADITA	INDIA			3	43	4	1
364175	RADITA	INDIA			1	71	6	1
364176	RADITA	INDIA			1	79	6	1
364177	RADITA	INDIA			3	71	5	1
364178	RADITA	INDIA			1	76	6	1
364179	RADITA	INDIA			3	71	6	1
364180	RADITA	INDIA			2	36	7	7
364181	RADITA	INDIA			1	81	6	1
364182	RADITA	INDIA			1	81	6	7
364183	RADITA	INDIA			1	71	8	1
364184	RADITA	INDIA			1	61	7	1
364185	RADITA	INDIA			1	58	7	1
364186	RADITA	INDIA			1	66	8	1
364187	RADITA	INDIA			1	79	5	1
364188	RADITA	INDIA			1	76	7	1
364189	RADITA	INDIA			1	71	6	1
364190	RADITA	INDIA			1	76	6	1
364191	RADITA	INDIA			3	58	5	1
364192	RADITA	INDIA			3	66	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
364193	RADITA	INDIA			1	84	6	1
364195	RADITA	INDIA			3	58	5	1
364196	RADITA	INDIA			3	58	6	1
364197	RADITA	INDIA			1	84	4	1
364198	RADITA	INDIA			3	79	7	1
364199	RADITA	INDIA			3	69	6	1
364200	RADITA	INDIA			3	69	4	6
364201	RADITA	INDIA			3	61	6	1
364202	RADITA	INDIA			1	66	5	1
364203	RADITA	INDIA			2	33	7	1
364205	RADITA	INDIA			2	51	6	1
364206	RADITA	INDIA			1	53	6	1
364207	RADITA	INDIA			3	56	7	1
364210	RADITA	INDIA			2	51	8	1
364211	RADITA	INDIA			2	56	7	1
364212	RADITA	INDIA			3	43	8	1
364213	RADITA	INDIA			3	61	6	1
364214	RADITA	INDIA			3	48	6	1
364215	RADITA	INDIA			3	58	8	1
364216	RADITA	INDIA			2	61	8	1
364218	RADITA	INDIA			3	51	7	1
364219	RADITA	INDIA			3	43	4	1
364220	RADITA	INDIA			3	66	5	1
364221	RADITA	INDIA			3	41	6	3
364222	RADITA	INDIA			3	58	6	1
364223	RADITA	INDIA			3	48	4	3
364224	RADITA	INDIA			3	61	5	1
364225	RADITA	INDIA			3	51	6	1
364226	RADITA	INDIA			3	53	6	1
364227	RADITA	INDIA			3	51	6	1
364228	RADITA	INDIA			3	56	6	1
364229	RADITA	INDIA			3	48	5	3
364230	RADITA	INDIA			3	61	5	3
364231	RADITA	INDIA			3	64	6	1
364232	RADITA	INDIA			3	43	6	1
364233	RADITA	INDIA			3	51	6	1
368265	RADITA	USA		8	2	40	8	1
368266	RADITA	USA	BAISAKHI					
368267	RADITA	USA	MOONG 54					
368268	RADITA	USA	SHINING MOONG 1					
368269	RADITA	USA	PURI RD DESI					
368270	RADITA	USA	MOONG 305					
368271	RADITA	USA	BBS DESI-1					
368272	RADITA	USA	BBS DESI-2					
368273	RADITA	USA	24-2					
368274	RADITA	USA	BR-2					
368275	RADITA	USA	3-1					
368276	RADITA	USA	T-44					
368277	RADITA	USA	BAISAKHI					
368278	RADITA	USA	JALAGAON					
368279	RADITA	USA						
368280	RADITA	USA	KHALIKHOLE 2-2					
368281	RADITA	USA	KHALIKHOLE 1-5					
368282	RADITA	USA	JHARSUGUDA 2-3					
368283	RADITA	USA	JHARSUGUDA 4-8					
368284	RADITA	USA	JHAIN MUNG 1-4					
368285	RADITA	USA	JHAIN MUNG 5-1					
368286	RADITA	USA	JHAIN MUNG 3-1					
368287	RADITA	USA	JHAIN MUNG 4-4-5					
368288	RADITA	USA	BHATILI 3-4					
368289	RADITA	USA	BHATILI 1-3					
368290	RADITA	USA	BHATILI 2-7					
368291	RADITA	USA	BHATILI 2-3-7					
368292	RADITA	USA	KENDRAPADA 1-2					

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
368293	RADITA	USA	KENDRAPADA 2-4					
368294	RADITA	USA	KENDRAPADA 1-7					
368295	RADITA	USA	KUSUMI 2-6					
368296	RADITA	USA	KUSUMI 1-5					
368297	RADITA	USA	KUSUMI 1-7					
368298	RADITA	USA	KUSUMI 3-8					
368299	RADITA	USA	KUSUMI 1-10					
368300	RADITA	USA	BANPUR 2-6					
368301	RADITA	USA	BANPUR 1-4					
368302	RADITA	USA	BHUDIA 2-6-10					
368303	RADITA	USA	PURJNAGARH 1-11					
368304	RADITA	USA	PURJNAGARH 2-2					
368305	RADITA	USA	KAIRA 1-2					
368306	RADITA	USA	KAIRA 2-13					
368308	RADITA	USA	RAMPUR 1-1					
368309	RADITA	USA	NAYAGARH 3-6					
368310	RADITA	USA	LASATALA 2-4					
368311	RADITA	USA	LASATALA 2-5					
368312	RADITA	USA	LASATALA 3-1					
368313	RADITA	USA	LASATALA 1-6					
368314	RADITA	USA	LASATALA 1-10					
368315	RADITA	USA	KHARGAON 1					
368317	RADITA	USA	KOPERGAON					
368319	RADITA	USA	K-11					
368320	RADITA	USA	D-45-6					
368321	RADITA	USA	D-2-15					
368322	RADITA	USA	N-P-18					
368323	RADITA	USA	N-P-23					
368324	RADITA	USA	RS-4					
368325	RADITA	USA	RS-5					
368326	RADITA	USA	HYBRID					
368327	RADITA	USA	T-1					
368328	RADITA	USA	T-2					
368329	RADITA	USA	PUSA BAISAKHI					
368330	RADITA	USA	KHARGAON-1					
368332	RADITA	USA	NO S4					
368333	RADITA	USA	JUMBO					
369768	RADITA	PHIL		1	1	70	11	1
369773	RADITA	PHIL		1	3	75	13	1
369788	RADITA	PHIL		1	3	85	14	1
370637	RADITA	INDIA						
370638	RADITA	INDIA		1	1	80	9	1
371814	RADITA	INDIA		1	3	70	8	1
371816	RADITA	INDIA		1	3	65	11	6
374122	RADITA	IRAN		1	3	60	11	1
374123	RADITA	IRAN		1	3	60	11	1
374124	RADITA	IRAN		1	3	80	15	1
374125	RADITA	IRAN		1	1	55	10	1
374126	RADITA	IRAN		1	3	70	7	1
374127	RADITA	IRAN		1	3	55	7	1
374128	RADITA	IRAN		1	3	55	8	1
374129	RADITA	IRAN		1	1	70	9	1
374130	RADITA	IRAN		1	1	50	8	1
374140	RADITA	IRAN		1	1	70	9	1
374141	RADITA	IRAN		1	3	80	10	1
374142	RADITA	IRAN		1	3	65	9	1
374143	RADITA	IRAN		1	3	55	10	1
374144	RADITA	IRAN		1	2	45	9	1
374145	RADITA	IRAN		1	2	45	9	1
374146	RADITA	IRAN		1	3	50	10	1
374147	RADITA	IRAN		1	3	70	10	1
374148	RADITA	IRAN		1	1	50	8	1
374149	RADITA	IRAN		1	1	55	8	1
374150	RADITA	IRAN		1	3	65	8	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
376849	RADITA	THAI		1	1	45	8	1
376850	RADITA	THAI		1	1	40	8	1
376854	RADITA	THAI		1	3	90	11	1
376855	RADITA	THAI		1	1	60	10	1
376856	RADITA	THAI		1	1	70	9	1
376857	RADITA	THAI		1	3	50	12	1
376858	RADITA	THAI		1	3	80	12	1
376859	RADITA	THAI		1	3	55	9	1
376860	RADITA	THAI		1	1	80	10	1
376861	RADITA	THAI		1	3	70	10	1
376862	RADITA	THAI		1	3	80	10	1
376863	RADITA	THAI		1	3	90	8	1
376866	RADITA	THAI		1	3	90	8	1
376868	RADITA	THAI		1	3	81	9	1
376869	RADITA	THAI		1	3	50	10	1
376870	RADITA	THAI		1	1	55	10	6
376871	RADITA	THAI		1	2	47	6	2
376872	RADITA	THAI						
376877	RADITA	THAI						
376918	RADITA	HO KO		1	3	80	8	1
376919	RADITA	HO KO		1	3	65	9	1
376920	RADITA	HO KO		1	3	65	11	1
376921	RADITA	HO KO		5	2	50	7	1
376922	RADITA	TAIWN		5	2	55	7	1
376923	RADITA	PHIL		1	1	60	11	1
376924	RADITA	PHIL		1	3	80	15	1
376925	RADITA	PHIL		1	1	65	11	3
376951	RADITA	IRAN		1	1	55	7	7
376952	RADITA	IRAN		1	1	60	8	1
376953	RADITA	IRAN		1	3	80	8	1
376954	RADITA	IRAN		1	3	50	6	7
376955	RADITA	IRAN		1	1	80	7	3
376956	RADITA	IRAN		1	1	65	8	1
376957	RADITA	IRAN		1	1	70	7	1
376958	RADITA	IRAN		1	3	70	7	7
376959	RADITA	IRAN		1	3	65	7	7
376960	RADITA	IRAN		1	3	75	7	7
376961	RADITA	IRAN		1	1	70	11	1
376962	RADITA	IRAN		1	1	80	8	1
376963	RADITA	IRAN		1	1	80	8	1
376964	RADITA	IRAN		1	1	65	7	1
376965	RADITA	IRAN		1	1	85	7	7
376966	RADITA	IRAN		1	1	80	6	1
376967	RADITA	IRAN		1	1	80	8	1
376968	RADITA	IRAN		1	1	85	7	1
376970	RADITA	IRAN		1	3	80	7	1
376971	RADITA	IRAN		1	3	70	7	1
376972	RADITA	IRAN		1	3	65	9	1
376973	RADITA	IRAN		1	3	80	8	1
376974	RADITA	IRAN		1	1	80	7	1
376975	RADITA	IRAN		1	3	50	10	1
376977	RADITA	IRAN		1	1	70	7	1
376978	RADITA	IRAN		1	1	60	7	1
376979	RADITA	IRAN		1	1	55	8	1
376980	RADITA	IRAN		1	1	60	7	1
376981	RADITA	IRAN		1	1	65	8	1
376982	RADITA	IRAN		1	1	40	10	1
376983	RADITA	IRAN		1	1	50	8	1
376984	RADITA	IRAN		1	1	50	7	1
376985	RADITA	IRAN		1	1	60	7	1
376986	RADITA	IRAN		1	1	70	7	7
376988	RADITA	IRAN		1	1	50	7	1
376989	RADITA	IRAN		1	1	50	7	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
376990	RADITA	IRAN		1	1	65	7	7
376991	RADITA	IRAN		1	1	50	7	1
376992	RADITA	IRAN		1	1	55	7	1
376993	RADITA	IRAN		1	1	50	7	1
376994	RADITA	IRAN		1	1	50	7	1
376995	RADITA	IRAN		1	1	45	7	1
376996	RADITA	IRAN		1	1	50	7	1
376998	RADITA	IRAN		1	1	70	7	1
376999	RADITA	IRAN		1	1	70	7	7
377000	RADITA	IRAN		1	1	70	7	7
377001	RADITA	IRAN		1	1	60	8	7
377002	RADITA	IRAN		1	1	60	6	1
377003	RADITA	IRAN		1	1	70	8	1
377004	RADITA	IRAN		1	1	70	7	1
377005	RADITA	IRAN		1	1	70	7	1
377006	RADITA	IRAN		1	1	70	7	1
377007	RADITA	IRAN		1	3	60	6	7
377008	RADITA	IRAN		1	3	50	6	1
377010	RADITA	IRAN		1	3	55	8	3
377011	RADITA	IRAN		1	1	65	8	1
377012	RADITA	IRAN		1	1	65	8	1
377013	RADITA	IRAN		1	1	60	7	1
377014	RADITA	IRAN		1	1	55	6	1
377015	RADITA	IRAN		1	1	45	10	1
377016	RADITA	IRAN		1	1	65	10	1
377018	RADITA	IRAN		1	1	70	8	1
377019	RADITA	IRAN		1	1	75	8	1
377020	RADITA	IRAN		1	2	47	10	1
377021	RADITA	IRAN		1	3	70	9	1
377022	RADITA	IRAN		1	3	50	8	1
377023	RADITA	IRAN						
377024	RADITA	IRAN		1	2	40	8	1
377025	RADITA	IRAN		1	2	45	8	1
377026	RADITA	IRAN		1	2	50	9	3
377027	RADITA	IRAN		1	2	40	8	1
377028	RADITA	IRAN						7
377029	RADITA	IRAN		1	2	45	6	1
377031	RADITA	IRAN					6	1
377032	RADITA	IRAN		1	2	50	6	1
377033	RADITA	IRAN		1	3	60	8	1
377034	RADITA	IRAN		1	3	65	8	1
377035	RADITA	IRAN						
377036	RADITA	IRAN		1	3	65	7	1
377037	RADITA	IRAN		1	3	45	7	1
377038	RADITA	IRAN		1	3	55	7	1
377039	RADITA	IRAN		1	1	70	8	1
377040	RADITA	IRAN		1	3	55	7	1
377041	RADITA	IRAN		1	2	40	7	1
377042	RADITA	IRAN		1	1	70	8	1
377043	RADITA	IRAN						1
377044	RADITA	IRAN		1	1	50	7	1
377045	RADITA	IRAN		1	1	65	8	1
377046	RADITA	IRAN		1	2	50	7	1
377047	RADITA	IRAN		1	2	45	7	1
377048	RADITA	IRAN		1	1	55	9	1
377049	RADITA	IRAN						1
377050	RADITA	IRAN		1	1	53	8	1
377051	RADITA	IRAN		1	2	35	7	1
377052	RADITA	IRAN						1
377053	RADITA	IRAN		1	1	55	7	1
377054	RADITA	IRAN						
377055	RADITA	IRAN		1	1	55	10	7
377056	RADITA	IRAN		1	1	70	8	1



P. I. NUMBER	SPECIFS	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377057	RADITA	IRAN		1	2	40	7	1
377058	RADITA	IRAN		1	2	40	7	3
377059	RADITA	IRAN		1	2	40	6	1
377060	RADITA	IRAN						1
377061	RADITA	IRAN		1	1	70	9	1
377062	RADITA	IRAN						1
377063	RADITA	IRAN						1
377064	RADITA	IRAN		1	1	50	8	7
377065	RADITA	IRAN						1
377066	RADITA	IRAN						1
377067	RADITA	IRAN		1	2	45	7	3
377068	RADITA	IRAN		1	2	45	7	1
377069	RADITA	IRAN		1	3	50	7	1
377070	RADITA	IRAN		1	1	55	8	1
377071	RADITA	IRAN		1	2	40	7	1
377072	RADITA	IRAN		1	2	45	7	7
377073	RADITA	IRAN		1	2	45	6	1
377074	RADITA	IRAN		1	3	50	9	1
377075	RADITA	IRAN		1	3	55	7	1
377076	RADITA	IRAN						
377077	RADITA	IRAN		1	2	45	5	1
377078	RADITA	IRAN		1	2	50	6	1
377079	RADITA	IRAN		1	3	65	9	1
377080	RADITA	IRAN		1	3	70	9	1
377081	RADITA	IRAN		1	3	70	7	1
377082	RADITA	IRAN						7
377083	RADITA	IRAN						1
377084	RADITA	IRAN		1	2	46	7	1
377085	RADITA	IRAN		1	2	65	11	1
377086	RADITA	IRAN						1
377087	RADITA	IRAN						1
377088	RADITA	IRAN						1
377090	RADITA	IRAN						1
377091	RADITA	IRAN						7
377092	RADITA	IRAN						1
377093	RADITA	IRAN		1	1	60	10	1
377094	RADITA	IRAN						1
377095	RADITA	IRAN						1
377096	RADITA	IRAN						1
377097	RADITA	IRAN						1
377098	RADITA	IRAN						1
377099	RADITA	IRAN						1
377100	RADITA	IRAN		1	3	60	7	1
377101	RADITA	IRAN						1
377102	RADITA	IRAN		1	1	60	9	7
377105	RADITA	IRAN		1	2	40	7	3
377106	RADITA	IRAN						1
377108	RADITA	IRAN						7
377109	RADITA	IRAN		1	1	60	7	1
377111	RADITA	IRAN						1
377112	RADITA	IRAN		1	3	50	7	1
377113	RADITA	IRAN		1	3	50	11	1
377114	RADITA	IRAN		1	1	55	10	1
377116	RADITA	IRAN		1	2	45	8	1
377117	RADITA	IRAN						1
377118	RADITA	IRAN						
377119	RADITA	IRAN		1	3	50	8	1
377120	RADITA	IRAN						
377121	RADITA	IRAN						
377123	RADITA	IRAN		1	2	45	5	1
377124	RADITA	IRAN		1	2	40	7	7
377125	RADITA	IRAN		1	2	55	7	1
377126	RADITA	IRAN		1	1	50	8	1
377128	RADITA	IRAN		1	2	50	8	1
377129	RADITA	IRAN		1	2	45	7	7

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377130	RADITA	IRAN		1	2	45	7	1
377131	RADITA	IRAN						
377132	RADITA	IRAN		1	2	70	8	1
377133	RADITA	IRAN		1	2	40	8	1
377134	RADITA	IRAN		1	2	40	7	1
377135	RADITA	IRAN		1	2	50	7	1
377136	RADITA	IRAN		1	2	45	7	1
377137	RADITA	IRAN		1	2	40	7	1
377138	RADITA	IRAN		1	2	40	7	3
377139	RADITA	IRAN		1	2	50	6	1
377140	RADITA	IRAN		1	1	70	9	1
377141	RADITA	IRAN		1	1	73	9	1
377142	RADITA	IRAN		1	1	70	9	1
377143	RADITA	IRAN		1	1	73	9	1
377144	RADITA	IRAN		1	1	70	9	1
377145	RADITA	IRAN		1	1	60	9	1
377146	RADITA	IRAN		1	1	55	8	1
377147	RADITA	IRAN		1	1	45	7	1
377148	RADITA	IRAN		1	1	40	8	1
377149	RADITA	IRAN		1	3	60	7	1
377151	RADITA	IRAN						
377154	RADITA	IRAN						
377157	RADITA	IRAN						1
377158	RADITA	IRAN						
377159	RADITA	IRAN		1	1	60	10	1
377161	RADITA	IRAN						1
377162	RADITA	IRAN						1
377163	RADITA	IRAN		1	3	10	8	1
377164	RADITA	IRAN						1
377165	RADITA	IRAN		1	1	45	7	1
377166	RADITA	IRAN		1	1	45	10	1
377167	RADITA	IRAN		1	1	45	8	1
377168	RADITA	IRAN		1	1	50	9	1
377169	RADITA	IRAN						1
377171	RADITA	IRAN		1	3	65	8	1
377172	RADITA	IRAN		1	3	65	6	1
377173	RADITA	IRAN						
377174	RADITA	IRAN						
377175	RADITA	IRAN		1	3	55	7	1
377176	RADITA	IRAN		1	3	50	8	1
377178	RADITA	IRAN		5	1	60	7	1
377179	RADITA	IRAN		1	1	50	7	1
377180	RADITA	IRAN		1	1	55	9	1
377181	RADITA	IRAN		1	3	47	8	1
377182	RADITA	IRAN		1	2	50	6	1
377183	RADITA	IRAN		1	3	60	7	1
377184	RADITA	IRAN		1	3	80	6	1
377185	RADITA	IRAN		1	2	55	9	1
377186	RADITA	IRAN		1	2	55	6	1
377187	RADITA	IRAN		1	2	55	6	7
377188	RADITA	IRAN						
377189	RADITA	IRAN		1	3	65	9	1
377191	RADITA	IRAN		1	1	55	8	1
377192	RADITA	IRAN		1	1	55	8	1
377193	RADITA	IRAN		1	1	55	9	1
377195	RADITA	IRAN		1	1	55	8	1
377196	RADITA	IRAN		1	1	55	8	1
377197	RADITA	IRAN		1	1	55	8	1
377198	RADITA	IRAN		1	1	55	8	1
377199	RADITA	IRAN		1	1	70	8	1
377200	RADITA	IRAN		1	1	55	7	1
377201	RADITA	IRAN		1	1	65	7	1
377202	RADITA	IRAN		1	1	65	8	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377203	RADITA	IRAN		1	1	70	7	1
377204	RADITA	IRAN		1	3	65	9	1
377205	RADITA	IRAN		1	1	70	7	1
377206	RADITA	IRAN		1	3	65	8	7
377207	RADITA	IRAN		1	1	45	9	2
377208	RADITA	IRAN		1	1	40	8	2
377209	RADITA	IRAN		1	1	65	8	1
377210	RADITA	IRAN		1	1	65	7	7
377211	RADITA	IRAN		1	1	70	8	1
377212	RADITA	IRAN		1	1	55	8	1
377213	RADITA	IRAN		1	3	55	8	7
377214	RADITA	IRAN		1	1	60	8	1
377215	RADITA	IRAN		1	1	70	8	1
377216	RADITA	IRAN		1	1	65	8	1
377217	RADITA	IRAN		1	1	35	8	1
377218	RADITA	IRAN		1	1	60	7	1
377220	RADITA	IRAN		1	3	50	9	1
377221	RADITA	IRAN		1	3	50	8	1
377222	RADITA	IRAN		1	3	75	8	1
377223	RADITA	IRAN		1	3	40	8	1
377224	RADITA	IRAN		1	1	60	8	1
377225	RADITA	IRAN		1	1	65	9	1
377226	RADITA	IRAN		1	1	70	9	1
377227	RADITA	IRAN		1	3	65	9	1
377228	RADITA	IRAN		1	1	40	8	1
377229	RADITA	IRAN		1	1	50	9	1
377230	RADITA	IRAN		1	1	70	9	1
377231	RADITA	IRAN						7
377232	RADITA	IRAN		1	1	50	8	1
377233	RADITA	IRAN		1	1	50	8	1
377234	RADITA	IRAN		1	2	40	7	1
377235	RADITA	IRAN		1	2	45	8	1
377236	RADITA	IRAN		1	1	70	8	1
377237	RADITA	IRAN		1	3	65	10	1
377238	RADITA	IRAN		1	1	45	7	1
377239	RADITA	IRAN		1	1	45	9	1
377240	RADITA	IRAN		1	3	50	8	1
377241	RADITA	IRAN		1	3	50	8	7
377242	RADITA	IRAN		1	1	50	7	7
377244	RADITA	IRAN		1	3	55	7	1
377245	RADITA	IRAN		1	1	70	10	1
377247	RADITA	IRAN		1	2	40	6	1
377248	RADITA	IRAN		1	3	50	8	1
377249	RADITA	IRAN		1	3	55	7	1
377250	RADITA	IRAN		1	3	65	9	1
377251	RADITA	IRAN		1	3	55	9	1
377252	RADITA	IRAN		1	1	55	8	1
377253	RADITA	IRAN		1	3	55	8	1
377255	RADITA	IRAN		1	1	45	7	1
377256	RADITA	IRAN		1	1	50	7	1
377257	RADITA	IRAN		1	1	50	9	1
377258	RADITA	IRAN		1	1	50	8	1
377259	RADITA	IRAN		1	1	50	10	1
377260	RADITA	IRAN		1	1	50	7	1
377261	RADITA	IRAN		1	1	50	8	1
377262	RADITA	IRAN		1	1	50	9	1
377263	RADITA	IRAN		1	3	45	9	1
377265	RADITA	IRAN		1	3	50	5	3
377266	RADITA	IRAN		1	1	50	6	7
377267	RADITA	IRAN		1	1	50	7	7
377268	RADITA	IRAN		1	3	60	8	1
377269	RADITA	IRAN		1	3	60	7	2
377270	RADITA	IRAN		1	3	50	8	7

P.I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377271	RADITA	IRAN		1	3	40	9	7
377272	RADITA	IRAN		1	3	65	8	7
377273	RADITA	IRAN		1	3	65	8	7
377274	RADITA	IRAN		1	3	45	8	2
377275	RADITA	IRAN		1	3	60	7	7
377276	RADITA	IRAN		1	3	45	8	7
377277	RADITA	IRAN		1	3	40	6	2
377278	RADITA	IRAN		1	3	40	7	7
377279	RADITA	IRAN						
377280	RADITA	IRAN		1	1	55	8	7
377281	RADITA	IRAN		1	3	55	8	7
377283	RADITA	IRAN		1	1	55	8	1
377284	RADITA	IRAN		1	1	55	7	7
377286	RADITA	IRAN		1	1	50	8	7
377287	RADITA	IRAN		1	1	55	9	7
377288	RADITA	IRAN		1	1	70	9	7
377289	RADITA	IRAN		1	3	50	7	1
377290	RADITA	IRAN		1	2	35	8	7
377291	RADITA	IRAN		1	1	50	7	7
377292	RADITA	IRAN		1	1	55	8	7
377293	RADITA	IRAN		1	3	55	10	1
377294	RADITA	IRAN		1	3	55	7	1
377295	RADITA	IRAN		1	3	55	9	1
377296	RADITA	IRAN		1	1	60	8	1
377297	RADITA	IRAN		1	1	60	8	7
377298	RADITA	IRAN		1	1	60	7	7
377299	RADITA	IRAN		1	1	50	7	1
377300	RADITA	IRAN		1	1	60	8	3
377301	RADITA	IRAN		1	1	60	8	1
377302	RADITA	IRAN		1	1	65	7	1
377303	RADITA	IRAN		1	3	60	9	1
377304	RADITA	IRAN		1	1	60	7	1
377305	RADITA	IRAN		1	1	65	7	7
377306	RADITA	IRAN		1	1	60	9	1
377307	RADITA	IRAN		1	3	50	8	1
377308	RADITA	IRAN		1	3	55	8	1
377309	RADITA	IRAN		1	3	65	11	1
377310	RADITA	IRAN		1	1	65	9	1
377311	RADITA	IRAN		1	1	65	8	1
377312	RADITA	IRAN		1	1	50	7	1
377313	RADITA	IRAN		1	1	50	7	1
377314	RADITA	IRAN		1	1	65	7	1
377315	RADITA	IRAN		1	3	65	7	1
377316	RADITA	IRAN		1	1	65	7	1
377317	RADITA	IRAN		1	1	65	7	1
377318	RADITA	IRAN		1	1	60	7	1
377319	RADITA	IRAN		1	1	70	9	1
377320	RADITA	IRAN		1	3	40	8	1
377321	RADITA	IRAN		1	1	60	7	7
377322	RADITA	IRAN		1	1	70	7	7
377323	RADITA	IRAN		1	3	45	7	1
377324	RADITA	IRAN		1	3	55	7	1
377326	RADITA	IRAN		1	3	60	8	7
377327	RADITA	IRAN						
377328	RADITA	IRAN		1	3	50	8	1
377329	RADITA	IRAN		1	3	55	7	7
377330	RADITA	IRAN		1	3	45	9	1
377331	RADITA	IRAN		1	3	65	10	7
377332	RADITA	IRAN						1
377333	RADITA	IRAN						1
377334	RADITA	IRAN		1	1	50	9	1
377335	RADITA	IRAN		1	1	50	8	1
377336	RADITA	IRAN		1	1	40	8	1
377337	RADITA	IRAN		1	1	50	8	1

P. I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
377338	RADITA	IRAN		1	1	50	7	1
377339	RADITA	IRAN		1	1	60	8	1
377340	RADITA	IRAN		1	1	60	8	1
377341	RADITA	IRAN		1	1	45	7	7
377342	RADITA	IRAN		1	1	50	8	7
377343	RADITA	IRAN		1	1	70	8	7
377344	RADITA	IRAN		1	1	40	8	1
377345	RADITA	IRAN		1	1	55	7	1
377346	RADITA	IRAN		1	1	55	8	7
377347	RADITA	IRAN		1	1	70	7	7
377348	RADITA	IRAN		1	1	70	8	1
377349	RADITA	IRAN		1	1	50	7	1
377350	RADITA	IRAN		1	1	57	8	1
377351	RADITA	IRAN		1	3	60	8	1
377352	RADITA	IRAN		1	3	55	8	7
377353	RADITA	IRAN		1	1	70	7	1
377354	RADITA	IRAN		1	1	75	8	1
377355	RADITA	IRAN		1	2	40	7	1
377356	RADITA	IRAN		1	3	65	8	1
377357	RADITA	IRAN		1	3	50	8	1
377358	RADITA	IRAN		1	1	65	8	7
377359	RADITA	IRAN						7
377360	RADITA	IRAN						
377361	RADITA	IRAN		1	1	55	9	1
377362	RADITA	IRAN		1	1	55	14	1
377363	RADITA	IRAN		1	1	55	9	1
377916	RADITA	PHIL		1	1	80	10	1
378020	RADITA	USA	PERJ	1	2	60		1
378021	RADITA	USA		1	2	50		1
378022	RADITA	USA	M403 'MORDEN 30'	8	2	30	8	1
378023	RADITA	USA		1	2	40		1
378024	RADITA	USA		1	2	60		1
378025	RADITA	USA		1	2	70		1
378026	RADITA	INDIA	S-8	1	2	70		1
378027	RADITA	INDIA	S-9	1	2	70		1
378028	RADITA	INDIA	S-12	1	2	70		1
378029	RADITA	INDIA	M421	8	1	35	6	1
378030	RADITA	INDIA	M422	5			9	1
378031	RADITA	INDIA	M423	8	1	50	7	1
378032	RADITA	INDIA	GUL-I	1	2	70		1
378033	RADITA	INDIA	G 65	1	2	60		1
378034	RADITA	INDIA	MADHIRA	1	2	50		1
378035	RADITA	INDIA	305	5	2	50		1
378036	RADITA	INDIA	KHEJA 10	1	2	50		3
378037	RADITA	INDIA	ML 2	1	2	60		1
378038	RADITA	INDIA	ML 5	1	2	70		1
378039	RADITA	INDIA	ML 5	1	2	50		1
378040	RADITA	INDIA	ML 8	1	2	50		1
378041	RADITA	INDIA	ML 10	1	2	50		1
378638	RADITA	ZAIRE	LODJO	5	1	55	9	1
378884	RADITA	THAI	BAN MAI SUMRONG					
378885	RADITA	THAI	GLOSSY GREEN	1	2	55		1
378886	RADITA	THAI						
378887	RADITA	THAI	M 21 E	1	1	70		1
378890	RADITA	THAI		5	1	50	10	1
378891	RADITA	THAI		1	2	80		1
378892	RADITA	THAI		1	2	60		6
379553	RADITA	YUGO	CANAKLIJSKI	5	1	50	6	1
379667	RADITA	AUSTL	CELERA	1	2	50		1
381070	RADITA	IRAN		1	2	60		1
381071	RADITA	IRAN		1	2	70		1
381142	RADITA	THAI		1	1	85		1
381144	RADITA	THAI						
381145	RADITA	THAI		1	1	85		1



P.I. NUMBER	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATU- RITY	PLANT TYPE	PLANT HEIGHT (CM)	POD LENGTH (CM)	SEED COLOR
381146	RADITA	THAI						
381147	RADITA	THAI	M-14-C					
381148	RADITA	THAI		1	2	60		1
381150	RADITA	THAI		1	2	55		1
381151	RADITA	THAI						
381152	RADITA	THAI		1	2	40		7
381153	RADITA	THAI	WONDER					
383316	RADITA	AUSTL		1	2	43		1
383317	RADITA	AUSTL						
383318	RADITA	AUSTL						
383319	RADITA	AUSTL						
383320	RADITA	AUSTL						
383321	RADITA	AUSTL		1	2	45		1
385292	RADITA	USA						
385293	RADITA	USA	M473	5	3	45	9	1
385295	RADITA	USA	M475	5	2	30	8	1
385296	RADITA	USA						
385297	RADITA	USA						
385298	RADITA	USA	M480	5	1	35	10	1
385299	RADITA	USA						
385301	RADITA	USA						
385302	RADITA	USA	M532	5	3	70	7	1
390011	RADITA	THAI		5	1	65	9	1
390300	RADITA	YUGO		5	2	30	10	1
390419	RADITA	COLO						
413223	RADITA	INDIA	M485	5	1	35	9	1
413233	RADITA	USA	M76	5	3	40	8	1
413234	RADITA	USA	M77	5	2	40	9	1
413236	RADITA	USA	M81	5	2	35	8	1
413237	RADITA	USA	M95	5	2	35	9	1
413238	RADITA	USA	M98	5	2	45	12	1
413239	RADITA	USA	M99	5	1	55	7	1
413240	RADITA	USA	M121	8	2	45	8	1
413243	RADITA	USA	M1125	5	1	60	12	1
413245	RADITA	USA	M1129	5	1	70	12	1
413248	RADITA	USA	M1134	5	3	30	8	1
413296	RADITA	KOREA	M124	1	3	35	8	5
413298	RADITA	AUSTL	M1078	5	1	45	10	1
413299	RADITA	AUSTL	M1080	5	3	55	10	1
413300	RADITA	AUSTL	M1082	5	2	30	8	1
413301	RADITA	AUSTL	M1083	5	2	20	9	1
413362	RADITA	PERU	M1065					
413388	RADITA	THAI	M1151	8	1	75	7	4
413404	RADITA	THAI	M1181	5	3	60	10	1
413408	RADITA	THAI	M1185	5	3	70	7	4
413425	RADITA	THAI	M1202	8	1	45	10	1
413429	RADITA	THAI	M1206	5	1	60	10	1
413432	RADITA	THAI	M1210	5	3	60	8	1
413433	RADITA	THAI	M1211	5	3	60	10	1
413434	RADITA	THAI	M1212	5	3	60	10	1
413437	RADITA	THAI	M1215	5	1	50		1
413438	RADITA	THAI	M1216	5	1	60	8	1
413442	RADITA	THAI	M1220	8	3	55	9	1
413444	RADITA	THAI	M1222	8	3	60	8	1
413447	RADITA	THAI	M1226	5	3	50	8	1
413451	RADITA	THAI	M1230	8	3	65	10	1

## Other *Vigna* Introductions

The following symbols and abbreviations are used in the table of other *Vigna* introductions:

<u>Column</u>	<u>Interpretation</u>
Species . . . . .	AMBCEN, <i>ambecensis</i> . LANFLA, <i>lancifolia</i> . LUTEOL, <i>luteola</i> . MEMBRN, <i>membranaceae</i> . OBLONG, <i>oblongifolia</i> . PRVFLA, <i>parviflora</i> . PUBSCN, <i>pubescens</i> . RETCTA, <i>reticulata</i> . SP, unidentified species. UMBELA, <i>umbelata</i> . UNGICL, <i>unguiculata</i> . UNGSEQ, <i>unguiculata</i> subspecies <i>sesquipedalis</i> . VXLATA, <i>vexillata</i> . WLMSII, <i>wilmsii</i> .
Source . . . . .	AFGH, Afghanistan. AFR, Africa. ARGN, Argentina. AUSTL, Australia. BELG, Belgium. BRAZ, Brazil. BR GU, Guyana. CAMER, Cameroon. CEYL, Ceylon. CH TI, Taiwan. CO LE, Zaire. COLO, Colombia. CO RI, Costa Rica. DOM R, Dominican Republic. E AFR, East Africa. ECUA, Ecuador. ELSAL, El Salvador. ETHI, Ethiopia. GBE, Great Britain (England). GUAT, Guatemala. HO KO, Hong Kong. HOND, Honduras. HUNG, Hungary. ISRL, Israel. LEBN, Lebanon. MALGY, Madagascar. MEX, Mexico. MOZAM, Mozambique. NICAR, Nicaragua. NIGIA, Nigeria. PAK, Pakistan. PARA, Paraguay. PORT, Portugal. RHOD, Rhodesia. S AFR, South Africa. SAUDI, Saudia Arabia. SOMAL, Somali Republic. TANZ, Tanzania. THAI, Thailand. TURKY, Turkey. UAR, United Arab Republic. UGAN, Uganda. URUG, Uruguay.
Maturity . . . . .	Number of days from planting until mature seed were produced.
Plant type . . . . .	1, erect. 2, high bushy (50 cm or more). 3, low bushy (less than 50 cm). 4, prostrate.
Flower color . . . . .	1, white. 2, lavender. 3, purple. 9, variable.
Seed yield . . . . .	1, very high. 2, high to very high. 3, high. 4, medium to high. 5, medium. 6, low to medium. 7, low. 8, low to low. 9, very low.
Pod placement . . . . .	1, above foliage. 2, foliage level.
Pod position . . . . .	1, erect. 2, pendant.
Pod type . . . . .	1, crowder. 2, semicrowder. 3, noncrowder.
Dry-pod color . . . . .	1, straw. 2, drab. 3, purple. 4, black. 9, variable.
Seed size . . . . .	1, very large. 2, large (California blackeye No. 5 was used as standard). 5, medium. 7, small. 8, very small. 9, variable.
Seed color pattern . . . . .	1, solid. 2, speckled. 3, Holstein, Hereford, or calico. 4, blackeye. 5, browneye. 6, redeye. 7, saddle-eye. 9, variable.

Seed color . . . . .	1, brown (dark tan). 2, black. 3, red. 4, tan. 5, blue. 6, white (cream). 7, bicolor. 9, variable.
CCMV . . . . .	Cowpea chlorotic mottle virus. Reported by Sowell, Kuhn, and Brantley. (Proceedings of the American Society for Horticultural Science 86: 487-490. 1965.) 1, resistant. 9, susceptible.
CMV . . . . .	Cucumber mosaic virus. Reported by Brantley, Kuhn, and Sowell. (Proceedings of the American Society for Horticultural Science 87: 355-358. 1965.) 1, resistant. 9, susceptible.
Fusarium wilt . . . . .	Caused by <i>Fusarium oxysporum</i> Schlecht. v. <i>tracheiphilum</i> (E. F. Sm.) Snyder and Hans. 1 or 2, highly resistant. 3 or 4, moderately resistant. 5 or 7, moderately susceptible. 9, highly susceptible.
CAMV . . . . .	Cowpea aphid-borne mosaic virus. (Bean Yellow Mosaic Virus). Reported by Kuhn, Brantley, and Sowell. (Plant Disease Reporter 49: 879-881. 1965.) 1, immune. 9, susceptible.
Bacterial canker. . . . .	Caused by <i>Xanthomonas vignicola</i> Burkh. Reported by Sherwin and LeFebvre. (Plant Disease Reporter 35: 303-317. 1951.) 1 or 2, highly resistant. 3 or 4, moderately resistant. 5, 6, or 7, moderately susceptible. 8 or 9, highly susceptible.
CPMV . . . . .	Cowpea mosaic virus. Reported by H. Beier et al. (Phytopathology 67: 917-921. 1977.) 1, immune. 3, hypersensitive. 5, resistant. 9, susceptible.
Cowpea aphid . . . . .	Results of screening seedling plants for resistance to <i>Aphis craccivora</i> Koch. in greenhouse at Experiment, Ga. (R. V. Connin, Science and Education Administration 3, resistant. 5, intermediate. 7, susceptible.

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
406329	AMCEN	NIGIA	ND. C36-323					7	2		06	2	2	2	3	1	1							
292872	LANFLA	NIGIA																						
406343	LANFLA	NIGIA																						
292866	LUTEOL	INDIA																						
322304	LUTEOL	BRAZ																						
322343	LUTEOL	BRAZ	DALRYMPLE																					
330607	LUTEOL	BFLG																						
354915	LUTEOL	INDIA																						
355920	LUTEOL	AUSTL																						
365092	LUTEOL	S AFR																						
365093	LUTEOL	S AFR	DALRYMPLE																					
406347	LUTEOL	NIGIA																						
292867	MEMBRN	INDIA																						
276474	OBLONG	AUSTL																						
330610	OBLONG	BELG																						
406352	OBLONG	NIGIA																						
406353	OBLONG	NIGIA																						
406354	OBLONG	NIGIA																						
406355	OBLONG	NIGIA																						
406356	OBLONG	NIGIA																						
406357	OBLONG	NIGIA	COL. NO. 2111																					
406358	OBLONG	NIGIA																						
406359	OBLONG	NIGIA																						
406360	OBLONG	NIGIA																						
406361	OBLONG	NIGIA																						
292868	PRVFLA	INDIA	COL. NO. 2111																					
406362	PUBSCN	NIGIA																						
406365	PUBSCN	NIGIA																						
274006	REPENS	ETHI																						
284106	REPENS	AUSTL																						
406376	REICTA	NIGIA	HEN ME																					
189103	SP	NIGIA																						
280133	SP	NIGIA																						
305072	UMBELA	USA																						
115674	UNGICL	GBE																						

115679	UNGICL	GRE	HODI	087	2	50	3	6	2	2	22	2	3	2	5	1	2	106	9	1	2	9	7
115681	UNGICL	GBE	POLON	087	3	45	3	5	2	2	20	2	3	2	5	1	2			1	9	7	
115683	UNGICL	GBF	POLON LEEMA	099	2	55	3	3	1	2	17	2	2	1	5	1	2	161		1	9	7	
115729	UNGICL	GBE	DON ARBAIN	099	3	45	3	6	2	2	22	2	2	2	2	1	3	150		3	9	7	
115737	UNGICL	GRE		099	3	30	3	6	2	2	17	2	2	1	2	1	3		3	3	9	7	
115739	UNGICL	GRE	SOKOTO NO 2	102	2	50	3	6	2	2	20	2	2	2	2	1	3	155		3	9	7	
121433	UNGICL	PARA		087	2	55	3	4	2	2	17	2	2	1	5	1	4	119		2	9	7	
123267	UNGICL	INDIA	KHARANNUL I	082	2	55	3	6	2	3	15	2	2	1	2	1	4	107		3	9	7	
124608	UNGICL	INDIA	GNAR	097	2	50	3	4	1	3	15	2	2	2	7	1	4	94		9	9	7	
124609	UNGICL	INDIA		074	1	48	2	1	1	2	19	2	2	1	5	4	6	170		3	9	7	
141355	UNGICL	GUAT		087	2	50	3	3	1	3	15	2	2	2	2	1	4	152		1	9	7	
142779	UNGICL	MEX	CUARENTANA	087	2	55	3	5	2	3	15	2	2	2	5	2	7	104		9	9	7	
145198	UNGICL	AUSTL	BRABHAM	037	2	50	3	4	2	2	16	2	2	1	5	2	7	106		9	1	7	
145732	UNGICL	SAUDI		099	2	75	3	5	2	2	15	2	2	2	7	1	4	102		9	9	7	
146113	UNGICL	IRAN		099	3	45	3	4	2	2	25	2	2	3	5	3	7	91		9	9	7	
146618	UNGICL	BRAZ		102	3	45	2	6	2	2	26	2	3	1	5	3	7	92		9	9	7	
147071	UNGICL	BRAZ		099	2	60	3	5	2	2	18	2	2	2	5	1	3	142		9	9	7	
147076	UNGICL	BRAZ		097	3	45	1	3	2	2	20	2	3	1	5	1	6	137		1	9	7	
147077	UNGICL	BRAZ		099	2	55	3	6	2	2	24	2	2	2	2	1	3	175		9	9	7	
147551	UNGICL	COLO		099	2	50	3	5	2	2	17	2	2	2	5	2	6	162		9	9	5	
147562	UNGICL	COLO		102	3	45	3	4	2	3	19	2	2	2	7	2	7	108		1	9	7	
147563	UNGICL	CULO		099	2	50	2	3	2	2	19	2	2	2	5	9	4	149		9	9	7	
148674	UNGICL	IRAN		082	2	55	3	3	2	2	19	2	2	1	5	1	4	135		1	9	5	
148678	UNGICL	IRAN		092	3	45	3	6	2	2	17	2	2	2	5	2	7	104		9	9	5	
148681	UNGICL	IRAN		097	2	50	3	5	2	2	17	2	2	2	5	4	6	131		9	9	7	
151552	UNGICL	DOM R	FRIJOLITOS	092	3	45	1	3	1	3	13	1	1	1	7	1	6	84		9	9	7	
151563	UNGICL	DOM R	CAREZITA	082	2	50	2	3	2	2	15	2	2	2	5	1	6	122		9	9	7	
152194	UNGICL	PARA	TAPE	037	2	55	1	6	2	2	16	2	2	2	5	1	6	116		9	9	5	
152195	UNGICL	PARA	PYTA	037	2	50	3	5	2	2	17	2	2	2	5	1	3	170		9	9	3	
152196	UNGICL	PARA	SAN FRANCISCO	037	2	55	3	4	2	2	19	2	2	2	5	2	7	135		9	9	3	
152197	UNGICL	PARA	TUPI	032	3	45	2	5	2	2	19	2	2	3	2	1	3	128		9	9	3	
152199	UNGICL	PARA	DTA	032	2	55	3	4	2	2	18	2	2	2	5	4	6	119		9	9	3	
154134	UNGICL	PERU	BDCANEGR	087	2	55	2	5	2	2	16	2	2	2	5	1	6	158		1	9	7	
162699	UNGICL	ARGN	TAPE	087	2	50	1	6	2	2	16	2	2	2	5	4	6	134		9	9	7	
162924	UNGICL	PARA	TAPE	087	2	50	3	5	2	2	17	2	2	2	5	2	1	119		9	9	7	
162925	UNGICL	PARA		087	3	45	2	5	2	2	19	2	2	3	2	1	3	128		9	9	7	
163142	UNGICL	INDIA	KOR	082	2	55	3	4	2	2	18	2	2	2	5	4	6	119		9	9	3	
163143	UNGICL	INDIA	L'BRIA	042	3	40	2	7	1	2	17	2	2	2	5	1	4	160		9	9	7	
163448	UNGICL	CO RI	CHINEGR	082	3	45	2	6	2	2	18	2	2	2	5	4	6	152		9	9	7	
164298	UNGICL	INDIA	TATAPAYARU	120	2	55	3	7	2	2	15	2	2	3	5	1	3	101		9	9	7	
164337	UNGICL	INDIA	TATAPAYARU	102	2	55	3	6	1	3	11	1	2	2	7	1	9	69		9	9	7	
164641	UNGICL	INDIA		082	2	55	3	6	1	3	11	1	2	3	7	1	4	70		9	9	5	
164979	UNGICL	TURKY		097	2	55	3	7	1	2	16	2	2	1	2	4	6	213		9	9	5	
165486	UNGICL	INDIA	LOBRA	074	1	52	2	7	1	2	18	2	2	2	5	4	6	158		9	9	7	
165493	UNGICL	INDIA	LOBRA	092	3	40	2	5	2	2	16	2	2	2	5	2	1	120		9	9	3	
165941	UNGICL	INDIA	GURAIRS	087	2	50	3	4	2	2	17	2	2	2	5	2	1	138		9	9	7	
166146	UNGICL	INDIA		087	2	55	3	4	2	2	16	2	2	2	5	1	4	147		9	9	7	
167024	UNGICL	TURKY	BRULCE	082	3	55	3	4	1	2	16	2	2	2	5	4	6	162		9	9	7	
167284	UNGICL	TURKY	BRABHAM	037	2	55	3	5	2	2	16	2	2	2	5	2	4	107		9	9	7	
170944	UNGICL	TURKY		097	2	55	3	4	1	2	16	2	2	2	5	1	4	132		9	9	7	



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
170849	UNGICL	TURKY		099	2	50	2	1	2	2	15	2	1	1	5	5	6	187	9	9		6	9	7
170857	UNGICL	TURKY		082	2	50	2	4	1	2	17	2	1	1	5	1	6	126	9	9	5	6	6	7
170859	UNGICL	TURKY		076	2	53	1	3	1	2	18	2	1	1	5	1	6	195	9	9		6	6	7
170861	UNGICL	TURKY		037	2	55	2	4	2	2	16	2	1	1	5	1	4	129	9	9		6	6	7
170863	UNGICL	TURKY		099	2	50	2	7	2	2	12	2	1	1	5	2	4	159			5	6	6	7
170865	UNGICL	TURKY	KARAGOZ	087	2	55	3	5	2	2	15	2	2	1	5	1	4	113	9	9	1	9	9	7
170867	UNGICL	TURKY		087	2	55	2	7	1	2	14	2	2	1	5	4	6	224			7	6	6	7
170868	UNGICL	TURKY		087	2	55	3	9	2	2	16	2	2	1	5	1	4	142			7	6	6	7
170869	UNGICL	TURKY		087	2	55	2	7	1	2	19	2	2	2	5	4	4	247			7	6	6	7
170871	UNGICL	TURKY		087	2	45	2	3	1	2	17	2	2	2	5	4	6	145	9	9			9	7
170872	UNGICL	TURKY		087	3	45	3	6	2	3	14	2	2	1	5	9	9	119	9	9		9	9	7
171651	UNGICL	TURKY		082	3	50	2	3	2	2	17	2	2	1	5	1	4	137	9	9	5		9	7
171891	UNGICL	TURKY		082	3	50	2	2	1	3	18	2	2	1	5	1	4	149	9	9			9	7
173164	UNGICL	TURKY		087	2	55	2	5	2	2	15	2	2	1	5	1	4	140	9	9			9	7
173165	UNGICL	TURKY		082	2	45	2	3	1	2	14	2	2	1	7	1	4	112					9	7
173827	UNGICL	TURKY		082	2	50	2	6	2	3	16	2	2	1	5	1	4	160	9	9	7		9	7
174411	UNGICL	TURKY		082	3	50	2	4	1	3	14	2	2	1	7	1	4	123	9	9			9	7
74965	UNGICL	INDIA	SONTA	120	3	40	3	6	1	3	14	1	2	2	7	1	2	70			7	9	9	7
175327	UNGICL	INDIA	LOBIA	074	1	58	1	3	1	2	12	1	2	2	7	4	6	102			1	9	9	7
175331	UNGICL	INDIA	SAFED DAL	102	2	50	2	8	3	2	14	2	2	1	7	5	5	73					9	
75332	UNGICL	INDIA	RONGI	087	2	55	2	5	2	2	20	2	2	1	5	4	6	142	9	9	1	9	9	7
75959	UNGICL	TURKY		087	2	55	3	5	2	2	18	2	2	1	5	1	4	116	9	9	5		9	7
75962	UNGICL	TURKY		082	2	50	2	4	1	2	15	2	2	1	5	1	4	132	9	9	1	9	9	7
75963	UNGICL	TURKY		082	2	55	2	3	1	2	15	2	2	1	5	4	6	157	9	9	5		9	7
176756	UNGICL	TURKY		082	2	50	2	3	1	2	15	2	2	1	5	1	4	106	9	9			9	7
177101	UNGICL	TURKY		082	3	45	2	4	1	2	14	2	2	1	5	1	4	110	9	9			9	7
177578	UNGICL	TURKY		082	2	55	3	5	2	2	14	2	2	1	5	1	4	114	9	9	5	1	9	7
177579	UNGICL	TURKY		082	2	50	2	2	2	2	14	2	2	1	5	1	4	116	9	9			9	7
178963	UNGICL	TURKY		087	2	50	2	6	2	2	15	2	2	1	5	3	7	111	9	9	5		9	7
179124	UNGICL	TURKY					2	2	2	2						4	6	148					9	7
179125	UNGICL	TURKY	KARNIKARA	082	2	50	3	4	1	2	19	2	2	1	5	9	9	136					9	7
179126	UNGICL	TURKY		074	1	50	2	4	1	3	15	2	2	1	5	5	6	126	9	9	5	9	9	5
179553	UNGICL	TURKY		087	2	60	2	5	2	2	17	2	2	1	5	9	9	117	9	9	1	9	9	7
179554	UNGICL	TURKY		074	1	50	3	2	1	2	16	2	2	1	5	9	9	150			5		9	7

179555	UNGICL	TURKY	082	2	50	2	3	1	2	20	2	1	1	5	5	6	195	9	9	2	9	9	7
180013	UNGICL	INDIA KAR	087	2	50	3	5	2	2	17	2	2	1	5	1	4	137	9	9		9	9	7
180014	UNGICL	INDIA CHOLAN	097	2	55	3	4	1	3	12	1	2	2	7	1	4	107		3		9	9	7
180355	UNGICL	INDIA CHAWLI	032	2	55	3	4	1	3	12	1	2	2	7	1	4	69	9	9	2		9	3
180356	UNGICL	INDIA	087	3	40	1	6	1	2	15	2	2	1	7	1	6	129				9		7
180358	UNGICL	INDIA CHAULA																					
180494	UNGICL	INDIA	082	1	60	3	7	1	3	11	1	2	2	7	1	4	80	9		4	9	9	7
180497	UNGICL	INDIA	087	2	55	2	7	1	2	14	2	2	1	7	4	6	100				9	5	7
181833	UNGICL	LEBN	074	4	25	2	1	2	3	22	2	2	1	5	1	4	121	9	9	9	9	9	7
182316	UNGICL	TURKY	082	2	55	3	4	2	2	18	2	2	1	5	1	4	130	9	9	3	9	9	7
182317	UNGICL	TURKY	074	3	48	2	3	1	3	19	2	2	1	2	4	6	149	9	9		9	9	7
183089	UNGICL	INDIA CHAULA	102	2	60	2	8	2	2	11	2	2	1	7	5	6	74	9			8	9	7
183090	UNGICL	INDIA	032	3	40	1	4	1	2	19	2	2	1	2	4	6	57			5	9	9	7
183250	UNGICL	UAR	092	1	55	2	2	1	2	21	2	2	1	2	4	6	171	9	9	3	9	9	3
183251	UNGICL	UAR	087	2	50	3	6	2	2	15	2	2	1	2	1	4	171	9	9	2	9	9	3
183363	UNGICL	INDIA JURUNGA																					
183482	UNGICL	INDIA CHAULA	082	3	40	2	7	1	2	19	2	2	1	5	4	6	146	9		1	9	9	7
184952	UNGICL	GHANA	082	3	40	3	4	2	2	17	2	2	1	5	1	4	120	9		1		9	7
184953	UNGICL	GHANA	082	3	45	3	3	2	2	15	2	2	2	5	1	4	137	9	9	1		9	7
185647	UNGICL	GHANA	087	2	50	3	5	2	2	17	2	2	1	5	1	4	149	9	9	1	9	9	3
186360	UNGICL	AUSTL	082	3	45	3	5	2	2	14	2	2	2	7	1	4	100	9				9	5
186386	UNGICL	URUG	087	2	65	3	4	2	2	19	2	2	1	2	2	9	135	9		1	5	9	5
186452	UNGICL	NIGIA	087	3	45	3	5	2	2	15	2	2	3	5	2	1	98	9	9		9	9	7
186454	UNGICL	NIGIA	082	3	35	3	4	2	3	18	2	2	2	5	2	1	110	1	9	1	9	9	7
186458	UNGICL	NIGIA	087	3	45	1	5	1	3	15	2	2	2	7	4	6	97	9		1	9	9	7
186459	UNGICL	NIGIA																					
186460	UNGICL	NIGIA	074	4	25	3	2	2	3	17	2	2	3	5	1	4	102	9		1	9	9	3
186465	UNGICL	NIGIA	037	3	40	3	5	2	2	15	2	2	1	5	2	1	106	1	9	1	9	9	7
186466	UNGICL	NIGIA	102	2	45	1	5	2	2	18	2	2	1	5	4	6	102	9	9	1	9	9	7
186467	UNGICL	NIGIA	037	2	55	3	4	1	2	16	2	2	1	5	1	4	110	9	9	1	9	9	5
186471	UNGICL	CAMER	099	2	70	3	5	2	2	20	2	2	1	5	1	4	95	9		3	9	9	7
188701	UNGICL	NIGIA	087	3	40	3	5	2	2	16	2	2	2	5	2	1	108	9		1		9	7
188702	UNGICL	NIGIA	102	2	50	3	5	2	2	18	2	2	2	5	2	1	110				9	9	7
188704	UNGICL	NIGIA	087	2	55	3	5	2	2	16	2	2	2	5	1	4	112	9	9	1	9	9	7
189099	UNGICL	CAMER	102	2	60	3	5	2	2	20	2	2	1	5	1	2	133	9			9	9	7
189103	UNGICL	NIGIA																					
192230	UNGICL	ZAIRE	082	2	70	3	3	2	3	15	1	2	2	2	1	2	116	9		5			7
189374	UNGICL	NIGIA	082	1	50	3	4	1	3	11	1	2	1	7	1	4	62	9	9	1	9	9	7
189375	UNGICL	NIGIA	087	3	35	1	7	2	3	15	1	2	1	7	5	6	89	9	9	1	9	9	7
189378	UNGICL	NIGIA	087	3	40	1	7	1	3	15	1	2	1	7	4	6	109	9	9		9	9	7
189380	UNGICL	NIGIA	087	3	45	1	6	1	3	14	2	2	1	7	5	6	78	9			9	9	7
189416	UNGICL	GUAT	099	3	40	1	5	1	2	12	1	2	1	7	1	6	54			1	9		7
190191	UNGICL	MEX	087	2	55	2	3	2	2	16	2	2	1	5	3	4	127	9	9	2		1	9
194202	UNGICL	USA	102	3	40	1	5	2	2	15	2	2	1	7	3	7	118	9	9	1	9	9	7
194203	UNGICL	USA	087	3	40	1	4	2	2	17	2	2	1	7	4	6	100	1	9	1	9	1	9
194204	UNGICL	USA	087	3	40	2	7	2	2	14	2	2	1	7	4	6	118	9		1	9	1	3
194205	UNGICL	USA	099	2	55	1	7	2	2	14	2	2	1	5	4	6	115	9		1	9	1	3
194206	UNGICL	USA	087	1	50	3	2	1	2	16	2	2	1	5	1	3	82	9	9	1	9	1	3
194207	UNGICL	USA	037	2	55	3	4	2	2	14	2	2	2	5	1	3	99	9	9	1	9	1	3
		BLACKEYE X IRON																					
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Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
194209	UNGICL	USA	CHINESE RED X IRON	087	1	50	3	3	1	2	15	2	2	1	5	1	4	110	9	9	1	9	1	9
194209	UNGICL	USA	CHINESE RED X IRON	099	2	60	3	4	2	2	15	2	2	2	5	1	4	126	9	9	2	1	9	9
194210	UNGICL	USA	CHINESE RED X IRON	087	1	55	3	3	2	3	12	1	1	1	7	1	4	76	9	9	2	1	3	9
194211	UNGICL	USA	CHINESE RED X IRON	087	2	50	3	7	2	2	15	2	2	1	5	1	4	83	9	9	2	1	3	9
194212	UNGICL	USA	CHINESE RED X IRON	087	2	55	3	8	2	2	14	2	2	1	5	1	4	102	9	9	2	1	3	9
194213	UNGICL	USA	CHINESE RED X IRON	082	2	45	3	5	2	2	17	2	2	1	5	1	4	155	9	9	2	1	3	9
194214	UNGICL	USA	CHINESE RED X IRON	037	2	55	3	5	2	2	15	2	2	1	5	1	4	134	9	9	2	1	3	9
194215	UNGICL	USA	CHINESE RED X IRON	087	2	50	3	4	1	2	15	2	2	1	5	1	4	114	9	9	5	1	9	9
195416	UNGICL	GUAT	CHINESE RED X IRON	102	2	55	3	7	2	2	18	2	2	1	5	1	2	125					5	9
195417	UNGICL	GUAT	CHINESE RED X IRON	102	2	50	3	7	2	2	18	2	2	1	5	1	2	123					5	9
197056	UNGICL	ELSAL	FRIJOL DE CASTILLA	120	2	50	3	7	2	2	19	2	2	1	5	1	2	118	9	9	1	9	9	9
197057	UNGICL	HOND	FRIJOL DE CASTILLA	087	2	55	2	4	2	2	15	2	2	2	7	4	6	99	9	9	1	9	9	9
200867	UNGICL	BURMA		082	2	50	3	3	1	2	18	2	2	1	5	2	5	115	9	9	1	9	9	9
201024	UNGICL	MEX		037	2	50	3	6	2	2	20	2	2	1	5	1	3	108	9	9	5	9	9	9
201499	UNGICL	MEX		032	2	45	2	7	2	2	16	2	2	1	7	4	6	87	9	9	1	9	9	9
202302	UNGICL	PERU		037	2	50	1	6	1	1	15	2	1	1	5	3	7	160	9	9	1	9	9	9
204647	UNGICL	TURKY		082	1	45	3	3	1	2	12	2	1	1	5	1	4	114	9	9			9	9
205139	UNGICL	INDIA		099	2	50	3	6	1	3	10	1	2	1	7	1	4	74	9	9	1		9	9
205140	UNGICL	INDIA		092	1	50	3	5	1	3	11	2	1	1	7	1	4	84	9	9	1		9	9
205141	UNGICL	INDIA		092	1	40	2	5	1	3	11	2	1	1	7	1	4	181	9	9	1		9	9
205240	UNGICL	TURKY		092	1	45	3	6	1	2	14	2	1	1	7	1	4	173	9	9	3		9	9
205241	UNGICL	TURKY		087	2	55	3	4	1	2	15	2	1	1	7	1	4	93	9	9	1		9	9
207527	UNGICL	AFGH		074	1	40	3	6	1	2	12	2	2	2	7	4	9	95	9	9	7		9	9
208771	UNGICL	CUBA		087	2	50	3	5	2	2	19	2	2	2	5	1	6	119	9	9	1		9	9
208945	UNGICL	CUBA		092	1	50	3	5	1	2	17	2	2	2	5	1	9	183	9	9	2		9	9
209971	UNGICL	JAPAN	TURU NASHI WASE SASAGE	074	2	55	3	2	1	3	15	2	2	4	5	1	3	111	9	9	1		9	9
211100	UNGICL	AFGH		082	1	45	3	4	1	2	14	2	1	1	7	1	4	100	9	9	5		9	9
211110	UNGICL	AFGH		092	1	45	3	4	1	3	14	2	2	1	5	1	4	112			9		9	9
211111	UNGICL	AFGH		102	3	40	3	5	1	2	18	2	2	2	5	2	1	107	9	9	9		9	9
211641	UNGICL	AFGH		082	1	45	2	4	1	2	13	2	2	1	5	9	4	171	9	9	9		9	9
211642	UNGICL	AFGH		082	1	55	3	6	1	2	17	2	2	1	5	1	4	117	9	9	9		9	9
211753	UNGICL	AFGH		082	2	50	3	6	1	2	15	2	2	1	5	5	6	178			1		9	9
211754	UNGICL	AFGH		082	2	55	2	5	2	2	17	2	2	1	5	9	9	181	9	9	3		9	9
211755	UNGICL	AFGH		092	2	55	3	4	2	2	16	2	1	1	5	9	9	131			7		9	9

211756	UNGI	AFGH	082	2	55	3	5	1	2	15	2	1	1	5	5	6	172	9	5	9	3
212635	UNGI	AFGH	074	3	45	3	6	1	2	13	2	2	2	7	1	4	82	9	9	9	3
212636	UNGI	AFGH																			3
212928	UNGI	AFGH																			
212930	UNGI	INDIA	087	3	45	2	7	1	2	15	2	2	3	5	5	6	86		7		7
212930	UNGI	INDIA	087	2	50	2	4	2	2	17	2	2	1	2	4	6	120		3		7
214069	UNGI	INDIA	082	2	50	2	3	1	3	14	1	2	2	7	7	6	59	9	9	9	3
214181	UNGI	INDIA																			
214352	UNGI	INDIA	087	3	35	2	8	1	2	14	2	2	1	5	5	6	153		1		7
214353	UNGI	INDIA																			
214354	UNGI	INDIA	087	3	45	2	8	2	2	12	2	2	1	7	5	6	77	9	9	9	3
218122	UNGI	PAK	071	1	55	3	3	1	4	10	1	2	1	7	1	4	58		1		3
218123	UNGI	PAK	071	1	50	3	3	1	4	11	1	2	1	7	1	4	49		9		7
220209	UNGI	AFGH	087	2	50	2	4	1	3	14	1	2	1	7	5	6	60	9	9	9	7
220209	UNGI	AFGH	087	3	45	2	8	2	2	13	2	2	2	5	5	6	130		5		7
220210	UNGI	AFGH																			
220847	UNGI	AFGH	087	2	50	3	8	1	2	15	2	2	1	5	1	4	121				7
220848	UNGI	AFGH	037	3	45	2	7	1	3	14	2	1	2	5	9	6	128	9	5	9	7
220849	UNGI	AFGH	082	2	50	2	5	1	2	15	2	2	1	5	5	4	175	9	7	9	7
220850	UNGI	AFGH	082	2	55	2	6	1	2	14	2	1	1	5	9	9	99	9	3	9	3
220850	UNGI	AFGH	082	2	55	2	6	1	2	14	2	1	1	5	9	9	171	9	3	9	3
220851	UNGI	AFGH																			
221534	UNGI	FIJI	037	3	45	2	7	1	2	16	2	2	1	2	5	9	182	9	3	9	3
221729	UNGI	S AFR	082	2	65	1	2	1	3	15	1	2	1	5	9	2	197	9	9	9	9
221730	UNGI	S AFR	082	2	55	2	2	1	2	14	2	1	2	5	3	7	102	9	1	9	7
221731	UNGI	S AFR	074	2	50	2	2	1	3	14	2	2	1	5	3	7	118	9	1	9	5
221731	UNGI	S AFR															122	9	9	9	3
221732	UNGI	S AFR																			
222755	UNGI	IRAN	074	2	55	2	2	1	3	14	2	2	1	7	3	7	111	9	9	9	9
222756	UNGI	IRAN	087	2	50	3	7	2	2	17	2	2	1	5	1	4	81	9	9	9	3
223023	UNGI	IRAN	102	2	55	3	7	2	2	15	2	2	1	5	1	6	106	9	9	9	9
223420	UNGI	IRAN	082	2	55	3	4	1	2	14	2	2	1	5	9	9	114	9	2	9	7
223420	UNGI	IRAN															120	9	3	9	7
223548	UNGI	AFGH																			
223720	UNGI	INDIA	074	2	50	2	6	2	2	15	2	2	2	5	1	4	106	9	9	9	5
225021	UNGI	E AFR	087	2	50	2	6	1	3	12	2	1	2	9	5	6	71	9			7
225922	UNGI	RHOD	074	2	52	2	3	2	2	20	2	1	1	5	2	1	133	9	1	9	9
226105	UNGI	BRZ	074	2	50	2	2	2	2	19	2	2	3	5	2	5	110	9	9	9	5
226105	UNGI	BRZ															71		1		
226106	UNGI	KENYA																			
227396	UNGI	IPAN	082	2	50	3	3	2	2	15	2	2	1	5	1	4	104	9	9	9	5
227397	UNGI	IRAN	082	2	35	3	6	1	2	16	2	1	3	5	4	6	134		9		7
227826	UNGI	GUAT	082	2	55	3	6	2	2	17	2	2	1	5	1	4	102	9	9	9	7
227827	UNGI	GUAT	087	2	45	3	3	2	2	20	2	2	1	5	1	4	125	9	9	9	7
227827	UNGI	GUAT															153	9	9	9	5
227829	UNGI	GUAT																			
227830	UNGI	GUAT	087	2	50	3	4	2	2	18	2	1	1	5	2	4	164	9	9	9	5
227831	UNGI	GUAT	087	2	55	3	4	2	2	17	2	1	1	5	1	4	133	9	1	9	3
229551	UNGI	IRAN	087	3	45	2	8	1	2	14	1	2	1	5	5	6	140	9	9	9	7
229734	UNGI	IRAN	082	1	50	2	3	1	2	15	2	1	1	5	4	6	132	9	9	9	7
229735	UNGI	IRAN																			
229796	UNGI	IRAN	102	2	50	3	7	2	2	13	2	1	1	5	5	6	141	9	9	9	7
244571	UNGI	IRAN	087	1	55	3	4	1	2	13	1	2	1	7	1	4	92	9	2	9	5
246131	UNGI	MALGY	087	2	50	3	6	2	2	16	2	2	1	2	2	1	123	9	9	9	7
246132	UNGI	MALGY	087	2	45	3	4	2	2	17	2	2	2	2	2	3	150	9	9	9	5
247438	UNGI	SOMAL	087	2	55	3	4	1	3	18	2	2	2	5	9	9	244	9			



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
250238	UNGICL	PAK		074	1	42	3	5	1	4	11	1	2	1	7	1	4	48	6	6		6	6	6
250416	UNGICL	PAK		082	1	50	3	4	1	3	17	1	2	1	5	1	6	119	6	6		6	6	6
250587	UNGICL	UAR		087	2	45	2	5	2	3	15	2	1	2	1	4	9	210	6	6		6	6	6
250759	UNGICL	IRAN		082	2	60	2	5	1	2	15	2	2	2	2	1	6	100	6	6		6	6	6
251222	UNGICL	AFGH		082	2	55	3	5	1	2	15	2	2	1	5	1	4	127	9	9		6	6	6
251233	UNGICL	AFGH		082	2	50	3	5	1	2	19	2	2	1	5	1	4	135	9	9		6	6	6
253428	UNGICL	SPAIN		074	2	55	1	4	1	2	20	2	2	1	2	4	6	158	9	9		6	6	6
253810	UNGICL	IRAQ															4	85						
255755	UNGICL	NIGIA															9	92	9	9				7
255760	UNGICL	NIGIA	USHIKI C	087	3	40	1	5	1	3	17	1	2	1	7	5	6	112	9	9		6	6	6
255765	UNGICL	NIGIA		074	55	50	3	2	2	2	16	2	2	2	5	4	9	151	9	9		6	6	6
255766	UNGICL	NIGIA		106	50	50	3	7	2	2	22	2	2	2	5	1	6	116	9	9		6	6	6
255771	UNGICL	NIGIA		099	50	50	1	4	1	2	15	2	2	1	7	6	9	89	9	9		6	6	6
255773	UNGICL	NIGIA		102	50	50	3	9	2	2	21	2	2	1	5	9	6	131	9	9		6	6	6
255774	UNGICL	NIGIA		082	3	40	1	5	1	3	16	2	2	3	7	5	6	120	9	9	1	6	6	6
255776	UNGICL	NIGIA		087	3	35	1	4	1	3	15	2	2	1	5	5	6	100	9	9		6	6	6
255781	UNGICL	NIGIA		082	55	55	3	3	2	2	21	2	2	1	5	1	4	109	9	9		6	6	6
255782	UNGICL	NIGIA		087	40	45	3	6	2	2	21	2	2	1	5	2	1	120	9	9		6	6	6
255783	UNGICL	NIGIA		087	40	45	3	7	2	2	15	2	2	1	5	1	4	114	9	9		6	6	6
255784	UNGICL	NIGIA		082	2	55	3	4	2	3	16	2	2	1	5	1	4	117	9	9		6	6	6
255785	UNGICL	NIGIA		136	70	40	3	5	2	2	17	2	2	1	5	1	4	108	9	9		6	6	6
255789	UNGICL	NIGIA		087	45	45	3	4	1	2	16	2	2	3	5	2	1	120	9	9		6	6	6
255791	UNGICL	NIGIA		087	45	45	3	5	2	2	16	2	2	3	5	2	1	76	9	9		6	6	6
255792	UNGICL	NIGIA		082	2	55	3	4	2	3	15	2	2	3	5	1	2	100	9	9		6	6	6
255795	UNGICL	NIGIA		077	55	55	3	4	2	2	15	2	2	3	5	1	4	84	9	9		6	6	6
255810	UNGICL	NIGIA		102	55	55	3	8	2	2	16	2	2	1	5	1	4	55	9	9		6	6	6
255811	UNGICL	NIGIA		092	35	35	3	4	2	2	10	2	2	2	2	2	1	108	9	9		6	6	6
255812	UNGICL	NIGIA		092	40	40	3	5	2	2	16	2	2	1	2	2	1	116	9	9		6	6	6
255815	UNGICL	NIGIA		087	3	45	1	6	1	3	15	2	2	1	7	9	6	83	9	9		6	6	6
256341	UNGICL	PAK		087	3	35	2	8	1	2	14	2	1	1	2	5	6	170	9	9		6	6	6
257463	UNGICL	SAFR		074	1	45	2	6	1	3	14	2	1	1	2	3	7	198	9	9	1	9	9	6
259260	UNGICL	PERU				50	2	1	1	3	14	1	2	1	5	3	7	109	9	9		6	6	6



262179	UNGLICL	PORT	3	40	2	2	2	2	3	15	2	2	2	1	5	9	9	9	108	9	9	1	9	9	7
269664	UNGLICL	INDIA	3	55	3	8	2	2	2	10	1	1	1	1	7	9	9	46	9	9	9	9	9	9	
269665	UNGLICL	INDIA	120	45	3	7	2	2	2	16	2	2	2	2	7	1	4	59	9	9	9	9	9	7	
269666	UNGLICL	INDIA	374	45	3	2	2	2	3	24	2	3	1	5	3	3	7	98	9	9	9	9	9	5	
269667	UNGLICL	INDIA	374	40	1	2	1	1	3	14	2	2	1	7	5	6	94	9	9	9	9	9	9	7	
270065	UNGLICL	PAK																							
270066	UNGLICL	PAK	382	50	2	3	8	1	3	12	2	2	1	3	9	4	9	100							
270067	UNGLICL	PAK	382	50	2	8	1	1	3	12	2	2	1	3	9	6	55							7	
270068	UNGLICL	PAK	347	45	3	1	8	2	2	10	2	2	1	8	5	6	45							7	
271256	UNGLICL	INDIA	077	50	2	3	3	2	2	20	2	2	2	3	5	9	60							7	
271257	UNGLICL	INDIA																							
271258	UNGLICL	INDIA	074	35	1	2	2	2	3	20	2	3	2	5	1	4	115							7	
271259	UNGLICL	INDIA	082	50	2	3	5	2	2	16	2	1	1	2	1	4	113							5	
271261	UNGLICL	PAK																						5	
271263	UNGLICL	INDIA	102	55	2	8	2	2	3	10	1	2	1	8	5	6	70							5	
271264	UNGLICL	INDIA																							
271636	UNGLICL	INDIA	087	50	3	7	2	2	2	15	2	2	3	5	5	6	123							7	
274006	UNGLICL	ETHI														9	92							7	
274007	UNGLICL	ETHI																							
275961	UNGLICL	NIGIA																							
277698	UNGLICL	PAZ																							
277784	UNGLICL	AUSTL	082	55	2	3	2	2	2	15	2	2	2	1	5	2	1	126						5	
277786	UNGLICL	AUSTL	082	55	2	3	3	2	2	18	2	2	1	5	1	4	122							5	
279845	UNGLICL	MEX	136	50	2	3	5	2	2	16	2	2	1	5	1	4	132							7	
286438	UNGLICL	NEPAL																							
289891	UNGLICL	ARGN																							
291011	UNGLICL	PERU																							
291094	UNGLICL	ARGN	082	60	2	6	6	2	2	15	2	2	1	5	2	5	95							1	
291095	UNGLICL	ARGN	082	60	2	6	6	2	2	15	2	2	1	5	2	5	98							5	
291096	UNGLICL	ARGN																							
291097	UNGLICL	ARGN																							
291139	UNGLICL	AUSTL	134	65	2	8	2	2	2	15	2	2	1	5	1	2	97							3	
291140	UNGLICL	AUSTL	087	55	2	5	2	2	2	17	2	2	1	5	1	4	94							3	
291141	UNGLICL	ARGN																							
291142	UNGLICL	AUSTL																							
291143	UNGLICL	AUSTL																							
291384	UNGLICL	CHINA																							
291385	UNGLICL	CHINA																							
292870	UNGLICL	ISRL	106	45	3	6	1	3	3	19	2	2	2	2	1	2	99							7	
292871	UNGLICL	ISRL	063	18	3	5	2	2	3	18	2	2	1	5	1	9	138							9	
292874	UNGLICL	NIGIA	136	50	2	5	1	3	3	15	2	2	1	5	4	6	180							9	
292875	UNGLICL	NIGIA																							
292877	UNGLICL	NIGIA																							
292882	UNGLICL	NIGIA																							
292883	UNGLICL	NIGIA																							
292894	UNGLICL	NIGIA																							
292886	UNGLICL	NIGIA																							
292887	UNGLICL	NIGIA																							
292888	UNGLICL	NIGIA																							
292889	UNGLICL	5 AFR	082	55	2	4	2	2	2	16	2	2	1	5	1	4	124							9	
			120	55	2	8	2	2	2	16	2	2	2	5	1	4	160							9	

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
292890	UNGICL	S AFR	BECHUANA WHITE	077	1	50	2	2	1	2	11	2	2	1	5	3	7	126			6	6	5	7
292891	UNGICL	S AFR		074	1	45	4	1	2	3	18	2	1	1	2	3	7	151			6	6	1	7
292892	UNGICL	S AFR		074	1	45	5	1	2	3	14	2	1	1	2	3	7	182			6	6	6	7
292893	UNGICL	S AFR		069	2	55	3	2	2	2	15	2	2	1	2	1	4	127			6	6	6	7
292894	UNGICL	RHOD		082	2	50	3	2	2	2	15	2	2	1	2	1	4	141						
292895	UNGICL	NIGIA		082	2	55	3	4	2	2	16	2	2	1	5	2	5	118			9	6	6	5
292896	UNGICL	HUNG		082	2	50	2	3	1	2	16	2	2	1	5	6	6	148			9	6	6	5
292897	UNGICL	HUNG		082	2	45	2	4	2	2	19	2	2	1	5	1	2	121			9	6	6	5
292898	UNGICL	HUNG		074	1	45	3	1	2	2	15	2	2	1	5	1	4	94			9	6	6	5
292899	UNGICL	HUNG		074	2	50	3	1	2	2	15	2	2	1	5	1	4	132						
292900	UNGICL	HUNG		074	1	45	2	2	1	2	12	2	2	1	5	1	4	124			9	6	6	5
292901	UNGICL	HUNG		074	1	45	2	2	1	2	15	2	2	1	5	1	4	146			9	6	6	5
292902	UNGICL	HUNG		120	1	55	6	8	2	2	13	2	2	1	5	1	4	145			9	6	6	5
292903	UNGICL	HUNG		074	2	55	2	2	2	2	14	2	2	1	5	1	4	161			9	6	6	5
292904	UNGICL	HUNG		074	2	50	3	3	2	2	19	2	2	1	5	6	9	132						
292905	UNGICL	HUNG	ZONKWA YELLOW	074	1	35	3	3	2	2	17	2	2	1	2	1	4	153			9	6	6	5
292906	UNGICL	NIGIA		087	1	40	2	7	2	2	16	2	2	1	2	1	9	140			9	6	6	5
292907	UNGICL	NIGIA		057	1	30	2	2	1	2	12	2	3	3	5	1	2	68			9	6	6	5
292908	UNGICL	NIGIA		062	1	50	3	1	1	2	22	2	3	2	5	2	5	106			9	6	6	5
292909	UNGICL	NIGIA		074	1	45	3	1	1	2	17	2	2	2	5	2	5	96						
292910	UNGICL	INDIA		076	1	45	3	1	2	2	20	2	2	1	2	1	2	157			9	6	6	5
292911	UNGICL	INDIA		092	1	55	3	3	2	2	18	2	2	1	5	1	4	125			9	6	6	5
292912	UNGICL	S AFR		074	1	55	2	2	1	2	13	2	2	1	5	1	4	162			9	6	6	5
292913	UNGICL	HUNG		074	3	45	1	2	2	2	15	2	2	1	5	1	4	149			9	6	6	5
292914	UNGICL	NIGIA		097	3	45	1	4	2	2	15	2	2	1	5	1	6	121						
293446	UNGICL	USA	ADZUKI	074	1	45	3	2	1	2	16	2	2	3	5	1	3	140		9	9	9	9	5
293447	UNGICL	USA	ALABAMA BLACK EYE	087	2	50	2	5	2	2	16	2	2	2	5	4	6	173		9	9	6	5	5
293448	UNGICL	USA	ALABAMA BROWN EYE	087	2	50	2	5	2	2	18	2	2	1	5	5	5	140		9	9	7	9	5
293449	UNGICL	USA	ALABAMA BUNCH	082	2	50	2	5	1	2	20	2	2	1	5	4	6	152		9	9	7	9	5
293450	UNGICL	USA	ALABAMA CROWDER	074	3	45	2	5	1	2	17	2	2	1	5	4	6	180		9	9	9	9	5
293451	UNGICL	USA	ALABAMA LONG	037	2	50	2	4	2	2	20	2	2	1	5	5	6	196		9	9	9	9	5
293452	UNGICL	USA	ALABAMA PUFFY	082	1	55	3	4	1	2	21	2	2	1	1	1	4	229		9	9	9	9	5
293453	UNGICL	USA	ARLINGTON	082	1	55	2	4	1	2	13	2	2	1	1	5	5	128		9	9	9	9	5
293454	UNGICL	USA	AZUL GRANDE	082	2	50	3	6	2	2	20	2	2	1	2	2	5	183		9	9	9	9	5
293455	UNGICL	USA	BLACK	097	2	50	3	4	2	2	16	2	2	2	5	1	2	116		9	9	9	9	5

293456	UNGICL	USA	BLACK CROWDER	087	3	45	3	6	2	2	18	2	2	2	1	1	5	1	2	138	9	9	3
293457	UNGICL	USA	BLACKEYE	087	2	60	2	4	2	2	17	2	2	2	2	1	5	4	6	153	9	9	3
293458	UNGICL	USA	BLACKEYE NO 5	074	1	55	2	3	1	2	19	2	2	2	2	2	2	4	200	9	9	3	
293459	UNGICL	USA	BLACKEYE NO 7	074	1	50	2	3	1	2	19	2	2	2	2	2	2	4	223	9	9	3	
293460	UNGICL	USA	BLACKEYE NO 72	082	1	50	2	5	1	2	15	2	2	2	1	1	5	4	149	9	9	3	
293461	UNGICL	USA	BLACKEYE NO 1239	087	2	50	2	5	2	2	16	2	2	2	2	1	2	4	6	147	9	9	3
293462	UNGICL	USA	BLACKEYE NO 152	082	1	50	2	4	1	2	16	2	2	2	1	1	2	4	6	195	9	9	3
293463	UNGICL	USA	BLACKEYE WHITE CROWDER	087	2	50	2	7	2	2	15	2	2	2	1	1	2	4	6	148	9	9	3
293464	UNGICL	USA	BLACKS	087	1	55	3	2	1	2	16	2	2	2	2	1	5	1	2	196	9	9	3
293465	UNGICL	USA	BLUE GOOSE	087	2	55	3	4	2	2	15	2	2	2	2	1	5	2	5	111	9	9	3
293466	UNGICL	USA	BRABHAM	087	2	60	3	5	2	2	15	2	2	2	2	1	5	2	1	125	9	9	1
293467	UNGICL	USA	BRABHAM K892	087	2	60	3	5	2	2	15	2	2	2	2	1	7	2	1	130	9	9	1
293468	UNGICL	USA	BRABHAM VICTOR	087	2	55	3	4	2	2	14	2	2	2	1	5	2	2	5	129	9	9	1
293469	UNGICL	USA	BROWN CROWDER	087	2	55	3	5	2	2	14	2	2	2	1	1	2	7	6	216	9	9	3
293470	UNGICL	USA	BROWNEYE CREAM	087	2	50	3	5	2	2	14	2	2	2	2	1	7	1	6	102	9	9	1
293471	UNGICL	USA	BROWNING	082	1	55	3	4	1	2	13	2	2	2	1	1	5	1	4	158	9	9	5
293472	UNGICL	USA	BROWN SUGAR CROWDER	082	2	55	3	5	1	2	13	2	2	2	1	1	5	1	4	202	9	9	5
293473	UNGICL	USA	BUFF	087	2	50	3	4	2	2	16	2	2	2	2	1	7	1	4	135	9	9	2
293474	UNGICL	USA	CABBAGE PEA	074	3	50	1	4	2	2	15	2	2	2	2	1	7	1	6	131	9	9	5
293475	UNGICL	USA	CALHOUN	092	2	50	3	4	1	2	14	2	2	2	1	2	5	2	1	170	9	9	5
293476	UNGICL	USA	CALHOUN CROWDER	082	2	50	3	5	2	2	13	2	2	2	2	2	5	2	1	158	9	9	5
293477	UNGICL	USA	CALIFORNIA BLACKEYE	074	1	55	2	2	1	2	17	2	2	2	2	1	2	4	6	219	9	9	3
293479	UNGICL	USA	CALIFORNIA BLACKEYE NO 7	074	1	50	2	3	1	2	20	2	2	2	2	1	2	4	6	203	9	9	3
293480	UNGICL	USA	CALVA	074	1	45	2	2	2	2	16	2	2	2	2	2	5	4	6	175	9	9	3
293481	UNGICL	USA	CHINEGRA INST 0189	074	1	45	2	2	2	2	22	2	2	2	2	2	5	1	2	140	9	9	5
293482	UNGICL	USA	CHINESE RED	082	2	55	3	4	1	2	16	2	2	2	2	1	7	1	3	120	9	9	3
293483	UNGICL	USA	CHINTO INST 0190	082	2	60	3	6	2	2	19	2	2	2	2	1	5	2	5	191	9	9	3
293486	UNGICL	USA	CLAY-BROWN 1330	082	2	50	3	5	4	2	18	2	2	2	2	1	7	1	4	139	9	9	3
293487	UNGICL	USA	CLAY-BUFF	082	2	50	3	4	2	2	17	2	2	2	2	2	5	1	4	192	9	9	3
293488	UNGICL	USA	CLAY-BUFF 993	082	2	65	3	4	2	2	17	2	2	2	2	2	5	1	4	163	9	9	3
293489	UNGICL	USA	CLAY-BUFF 1331	082	2	50	3	3	1	2	16	2	2	2	2	2	5	1	4	186	9	9	3
293490	UNGICL	USA	CLAY K713	082	2	55	3	6	2	2	17	2	2	2	2	1	5	1	4	154	9	9	7
293491	UNGICL	USA	COLUMBIA	082	2	60	3	5	1	2	16	2	2	2	2	1	5	6	7	150	9	9	7
293492	UNGICL	USA	CONCH	087	2	50	1	6	2	2	16	2	2	2	1	7	1	6	127	9	9	7	
293493	UNGICL	USA	CORNFIELD ENGLISH	087	2	50	1	7	2	2	14	2	2	2	2	1	5	1	6	143	9	9	7
293494	UNGICL	USA	CREAM	082	1	55	1	4	1	2	13	2	2	2	2	1	7	1	6	125	9	9	9
293495	UNGICL	USA	CREAM CROWDER LADY	087	2	55	1	5	1	3	12	2	2	2	2	1	7	1	6	107	9	9	8
293496	UNGICL	USA	CREAM CROWDER	087	2	55	1	5	1	2	15	2	2	2	2	1	7	1	6	158	9	9	9
293497	UNGICL	USA	CREAM LONG	082	1	50	1	2	1	2	16	2	2	2	2	1	5	1	6	159	9	9	9
293498	UNGICL	USA	CREAM WHITE	077	1	55	1	1	1	2	13	2	2	2	2	1	5	1	6	148	9	9	9
293499	UNGICL	USA	DAVIS PEA	074	1	50	3	3	2	2	15	2	2	2	2	3	5	1	4	155	9	9	7
293500	UNGICL	USA	DIXIE LEE	077	1	55	3	4	2	2	22	2	2	2	2	3	2	7	6	176	9	9	3
293501	UNGICL	USA	DIXIE QUEEN	087	2	50	2	7	2	2	20	2	2	2	2	1	2	5	6	224	9	9	7
293502	UNGICL	USA	DIXIE QUEEN BROWNEYE	087	2	55	2	6	2	2	16	2	2	2	2	1	7	5	6	129	9	9	5
293503	UNGICL	USA	EARLY BLACKEYE	087	2	55	2	6	2	2	16	2	2	2	2	1	7	5	6	148	9	9	9
293504	UNGICL	USA	EARLY DIXIE QUEEN	082	2	60	1	6	1	2	18	2	2	2	2	1	5	5	6	159	9	9	7
293505	UNGICL	USA	EARLY RAMSHORN BLACKEYE	074	1	50	2	5	1	2	17	2	2	2	2	1	2	4	6	180	9	9	3
293506	UNGICL	USA	EARLY RED	087	2	55	2	4	1	2	17	2	2	2	2	1	2	1	3	165	9	9	7
293507	UNGICL	USA	EARLY RED K736	087	2	55	2	5	1	2	16	2	2	2	2	2	5	1	3	160	9	9	7

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
293508	UNGICL	USA	EARLY SILVER CROWDER	087	2	55	3	5	2	2	15	2	1	1	2	1	4	226	9	9	9	9	9	3
293509	UNGICL	USA	EXTRA EARLY BLACK EYE	074	2	50	2	6	1	2	17	2	2	1	5	4	5	157	9	9	9	9	9	7
293512	UNGICL	USA	GIANT BLACK EYE	102	2	50	2	7	1	2	18	2	2	1	1	4	6	220	9	9	9	9	9	3
293513	UNGICL	USA	GIANT RAMSHORN PLACKEYE	073	2	50	2	6	1	2	19	2	2	1	1	4	6	208	9	9	9	9	9	7
293514	UNGICL	USA	GROIT	087	2	55	2	7	2	2	14	2	2	1	1	2	5	157	9	9	9	9	9	7
293515	UNGICL	USA	HACIQUACHA	087	2	35	2	7	2	2	12	1	2	1	1	1	3	82	9	9	9	9	9	7
293516	UNGICL	USA	HIB CAVELO	076	2	55	3	4	2	2	20	2	2	1	1	1	4	183	9	9	9	9	9	7
293517	UNGICL	USA	HOLSTEIN	082	2	50	2	3	2	2	16	2	2	1	1	3	7	130	9	9	9	9	9	7
293518	UNGICL	USA	HONOLULU	078	2	45	2	3	2	2	16	2	2	1	1	1	2	122	9	9	9	9	9	7
293519	UNGICL	USA	INSTITUTE 0154	082	2	50	2	4	2	2	20	2	2	1	1	2	5	138	9	9	9	9	9	7
293520	UNGICL	USA	IPON	087	2	55	3	5	2	2	13	2	2	1	1	1	4	151	9	9	9	9	9	5
293521	UNGICL	USA	IRON K329	087	2	55	3	5	2	2	16	2	2	1	1	1	4	123	9	9	9	9	9	7
293522	UNGICL	USA	JACKSON ALABAMA	087	2	55	3	4	2	2	17	2	2	1	1	1	4	141	9	9	9	9	9	7
293523	UNGICL	USA	JACKSON BUNCH	087	2	55	3	4	2	2	14	2	2	1	1	1	4	77	9	9	9	9	9	7
293524	UNGICL	USA	JACKSON BUNCH PURPLE HULL	082	2	60	3	3	2	2	14	2	2	1	1	1	4	84	9	9	9	9	9	5
293525	UNGICL	USA	JACKSON PURPLE HULL	074	1	55	2	1	1	2	18	2	2	3	5	6	6	142	9	9	9	9	9	3
293526	UNGICL	USA	KOREAN CROWDER	087	2	55	3	6	2	2	16	2	2	1	1	1	4	152	9	9	9	9	9	7
293527	UNGICL	USA	KURO	074	1	50	3	3	2	2	19	2	2	1	1	1	4	136	9	9	9	9	9	5
293528	UNGICL	USA	KUROMANDARA	082	1	55	1	4	1	2	15	2	2	1	1	4	6	130	9	9	9	9	9	3
293529	UNGICL	USA	LADY ALABAMA	087	2	55	1	4	1	2	15	2	2	1	1	1	6	114	9	9	9	9	9	7
293530	UNGICL	USA	LADY EDIBLE	087	2	50	1	6	1	2	13	1	1	1	1	1	6	137	9	9	9	9	9	7
293531	UNGICL	USA	LARGE BLACK	087	2	55	3	7	2	2	15	2	2	2	2	1	2	175	9	9	9	9	9	3
293532	UNGICL	USA	LARGE VIRGINIA BLACK EYE	082	2	55	2	6	1	2	16	2	2	1	1	4	6	200	9	9	9	9	9	3
293533	UNGICL	USA	LONG POD CREAM	087	2	55	1	6	1	2	15	2	2	1	1	1	6	161	9	9	9	9	9	3
293534	UNGICL	USA	MISSISSIPPI CUNOH	087	2	55	1	5	2	2	15	2	2	1	1	1	6	143	9	9	9	9	9	7
293535	UNGICL	USA	MISSISSIPPI CROWDER	087	2	50	2	6	1	2	14	1	1	1	1	1	4	175	9	9	9	9	9	7
293536	UNGICL	USA	MONARCH	082	2	55	2	3	1	2	19	2	2	2	2	4	6	180	9	9	9	9	9	3
293537	UNGICL	USA	NEW ERA	082	2	55	3	4	2	2	15	2	2	1	1	2	5	111	9	9	9	9	9	7
293538	UNGICL	USA	OKLAHOMA BLACK	087	2	55	3	4	2	2	16	2	2	2	1	1	2	188	9	9	9	9	9	7
293539	UNGICL	USA	OKLAHOMA CLAY-BROWN 922	087	2	55	3	4	2	2	16	2	2	2	1	1	2	188	9	9	9	9	9	7
293540	UNGICL	USA	PARAGUAY NO 1	082	2	65	3	4	1	2	17	2	2	2	5	1	4	140	9	9	9	9	9	9
293541	UNGICL	USA	PARAGUAY NO 2	082	3	40	3	6	2	2	15	2	3	1	2	1	3	135	9	9	9	9	9	7
293542	UNGICL	USA	PARAGUAY NO 5	089	2	55	3	7	2	2	15	2	1	1	1	1	4	188	9	9	9	9	9	3
293543	UNGICL	USA	PARAGUAY NO 6	082	3	45	3	4	1	2	19	2	2	1	1	2	1	132	9	9	9	9	9	3



293544	UNGICL USA	PARAGUAY NO 10	037	2	55	3	4	2	2	2	16	2	2	1	3	1	3	128	9	9	9	9	3	7
293545	UNGICL USA	PARAGUAY NO 12	037	2	55	3	6	2	2	2	16	2	2	1	5	2	1	110	9	9	9	9	1	7
293546	UNGICL USA	PARAGUAY NO 13	087	2	55	3	5	2	2	2	19	2	2	1	5	1	4	114	9	9	9	9	9	7
293547	UNGICL USA	POTOMAC	037	2	55	3	5	2	2	2	19	2	2	1	5	1	6	161	9	9	9	9	9	3
293548	UNGICL USA	PROGRESSIVE WHITE	032	1	50	2	4	2	2	2	16	2	2	1	7	1	6	118	9	9	9	9	9	7
293549	UNGICL USA	PURPLE HULL NO 4	082	1	55	2	4	1	2	2	20	2	2	3	2	5	6	155	9	9	9	9	9	7
293550	UNGICL USA	PURPLE HULL NO 3445	087	2	55	2	5	2	2	2	19	2	2	3	5	5	6	178	9	9	9	9	9	7
293551	UNGICL USA	PURPLE HULL NO 5036	087	3	45	2	6	1	2	2	22	2	2	3	2	2	6	215	9	9	9	9	9	5
293552	UNGICL USA	PURPLE HULL BUNCH	087	3	45	2	6	1	2	2	22	2	2	3	2	2	6	213	9	9	9	9	9	7
293553	UNGICL USA	PURPLE POD	037	3	45	2	6	1	2	2	22	2	2	3	2	2	6	146	9	9	9	9	9	7
293554	UNGICL USA	PURPLE POD NO 3445	087	2	55	2	6	1	2	2	18	2	2	3	5	5	6	173	9	9	9	9	9	7
293555	UNGICL USA	P H S 84901	037	2	50	2	6	1	2	2	21	2	2	3	5	5	6	193	9	9	9	9	9	3
293556	UNGICL USA	RICE	037	2	55	1	3	1	2	2	15	1	2	2	7	1	6	97	9	9	9	9	9	7
293557	UNGICL USA	RED COMPEA	087	2	50	3	6	1	2	2	16	1	2	2	5	1	3	154	9	9	9	9	9	7
293558	UNGICL USA	RED RIPPER	082	2	50	3	6	1	2	2	17	1	2	2	5	1	3	155	9	9	9	9	9	7
293559	UNGICL USA	RED RIPPER K711	082	2	55	3	6	1	2	2	18	1	2	2	5	1	3	168	9	9	9	9	9	7
293560	UNGICL USA	RED SPECKLED CROWDER NO 1	037	2	55	3	6	1	2	2	17	1	2	2	5	1	3	146	9	9	9	9	9	7
293561	UNGICL USA	RED SPECKLED CROWDER NO 2	037	2	50	3	7	2	2	2	19	2	2	1	5	1	9	139	9	9	9	9	9	7
293562	UNGICL USA	RED SPECKLED CROWDER NO 3	087	2	55	2	5	2	2	2	19	2	2	1	5	1	7	138	9	9	9	9	9	7
293563	UNGICL USA	RED SPECKLED CROWDER NO 4	102	2	50	2	5	2	2	2	15	2	2	1	5	1	7	133	9	9	9	9	9	7
293564	UNGICL USA	RED SPECKLED CROWDER NO 5	097	2	50	2	7	2	2	2	18	2	2	1	5	1	7	143	9	9	9	9	9	7
293565	UNGICL USA	SHIRO	097	2	50	2	6	2	2	2	19	2	2	1	1	4	6	212	9	9	9	9	9	7
293566	UNGICL USA	SHIRO ZURU	037	2	50	1	5	1	3	2	14	2	2	2	5	5	6	115	9	9	9	9	9	7
293567	UNGICL USA	SIX WEEKS ALABAMA	037	2	55	3	4	2	2	2	19	2	2	1	5	1	4	137	9	9	9	9	9	7
293568	UNGICL USA	SIX WEEKS GEORGIA	087	2	60	3	4	2	2	2	16	2	2	1	5	1	4	146	9	9	9	9	9	7
293569	UNGICL USA	SPECKLED CROWDER	087	2	60	3	6	2	2	2	18	2	2	1	5	1	9	212	9	9	9	9	9	7
293570	UNGICL USA	SPECKLED PURPLE HULL	074	1	60	3	2	1	2	2	20	2	2	1	2	2	1	160	9	9	9	9	9	7
293571	UNGICL USA	SUWANEE	087	2	55	3	3	2	2	2	15	2	2	1	5	1	4	149	9	9	9	9	9	5
293572	UNGICL USA	SUMPTUOUS	082	2	55	2	3	1	2	2	16	2	2	1	5	1	6	174	9	9	9	9	9	5
293573	UNGICL USA	TAYLOR	087	2	55	2	4	1	2	2	21	2	2	1	2	1	5	279	9	9	9	9	9	5
293574	UNGICL USA	TEXAS CREAM	087	2	60	1	5	1	2	2	16	2	2	1	5	1	6	158	9	9	9	9	9	5
293575	UNGICL USA	TEXAS CREAM NO 10	082	1	55	1	6	1	2	2	16	2	2	1	1	1	6	153	9	9	9	9	9	5
293576	UNGICL USA	TEXAS CREAM NO 14	082	1	55	1	4	1	2	2	21	2	2	1	5	1	6	152	9	9	9	9	9	7
293577	UNGICL USA	TEXAS CREAM NO 40	082	1	50	1	4	1	2	2	20	2	2	1	5	1	6	189	9	9	9	9	9	7
293579	UNGICL USA	TEXAS PURPLE HULL NO 49	074	1	50	2	4	1	2	2	20	2	2	3	5	1	6	170	9	9	9	9	9	7
293580	UNGICL USA	TEXAS PUFFY RED	087	2	50	3	7	2	2	2	24	2	2	1	5	1	4	230	9	9	9	9	9	7
293591	UNGICL USA	VICTOR	082	2	55	3	6	2	2	2	16	2	2	1	2	2	5	134	9	9	9	9	9	5
293582	UNGICL USA	VICTOR K793	097	2	55	3	6	2	2	2	14	2	2	1	5	2	5	215	9	9	9	9	9	7
293583	UNGICL USA	VIRGINIA BLACKKEYE	037	3	45	2	6	2	2	2	16	2	2	2	2	4	6	136	9	9	9	9	9	5
293584	UNGICL USA	WHIPPORWILL	087	3	40	2	6	2	2	2	19	2	2	2	2	5	6	189	9	9	9	9	9	7
293585	UNGICL USA	WHITE BROWNEYE CROWDER	097	2	55	2	5	2	2	2	15	2	2	1	5	1	6	156	9	9	9	9	9	7
293586	UNGICL USA	WILT RESISTANT BLACKKEYE	082	2	55	2	5	1	2	2	19	2	2	1	2	4	6	186	9	9	9	9	9	7
293587	UNGICL USA	WILT RESIST CHINESE RED	082	2	50	3	4	1	2	2	15	2	2	1	5	1	3	215	9	9	9	9	9	7
293598	UNGICL USA	W R EARLY RAMSHORN BL EYE	074	1	55	2	3	1	2	2	17	2	2	1	2	4	6	113	9	9	9	9	9	7
293599	UNGICL USA	WOODGRIT	037	2	50	3	5	2	2	2	19	2	2	1	5	1	4	230	9	9	9	9	9	7
293590	UNGICL USA	WOODS SUMPTUOUS	087	1	50	1	4	1	2	2	17	2	2	1	5	1	4	162	9	9	9	9	9	7
297561	UNGICL USA		087	3	40	3	8	2	2	2	17	2	2	1	5	1	4	158	9	9	9	9	9	7
297562	UNGICL USA		102	2	50	1	6	2	2	2	16	2	2	1	7	5	6	124	9	9	9	9	9	7
298051	UNGICL AUSTR		074	1	45	3	2	1	2	2	15	2	2	1	7	5	6	127	9	9	9	9	9	7



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt CAMV	Bacterial canker	CPMV	Cowpea aphid
300171	UNGICL	S AFR	NEW ERA	120	3	40	3	8	2	2	17	2	2	2	5	2	5	144						7
300172	UNGICL	S AFR	WITZENBORG	134	3	35	3	7	1	3	15	2	2	1	5	1	4	113					9	5
300173	UNGICL	S AFR	BECHUANALAND WHITE		2	55	3	8	2	2	14	2	2	1	5	1	4	163						
300174	UNGICL	AFR	COL. NO. 501 VICTOR		2	30		4	2	4	14	1	2	2	7	1	1	110						7
300175	UNGICL	S AFR		082	1	50	2	6	2	2	14	2	2	2	5	1	4	140					9	5
302457	UNGICL	USA		082	2	55	3	7	2	2	11	2	2	2	5	1	1	140					6	7
302458	UNGICL	USA		076	1	50	3	3	1	2	17	2	2	1	5	2	5	125					6	7
304150	UNGICL	NICAR																						
304164	UNGICL	HOND		092	2	55	2	3	2	2	19	2	2	1	5	2	4	142					1	5
307554	UNGICL	USA	MICHIGAN FAVORITE	082	2	55	3	5	1	2	17	2	1	1	2	1	4	231					5	7
307555	UNGICL	USA	FC 31653	087	2	50	2	6	2	2	19	2	2	1	5	1	4	162					9	3
307556	UNGICL	USA	FC 31660	087	2	55	3	8	2	2	18	2	2	1	5	1	4	161					9	5
307557	UNGICL	USA	BROWN EYE SIMPSON	099	2	55	2	6	2	2	20	2	2	1	2	5	6	201						
307558	UNGICL	USA	FC 31738	087	3	40	2	6	1	2	21	2	2	3	2	5	6	212			1		9	7
307559	UNGICL	USA	FC 31739	087	2	50	2	5	2	2	21	2	2	3	2	1	4	205			1		9	7
307560	UNGICL	USA	FC 31740	074	1	55	3	4	2	2	20	2	1	3	2	1	4	159					9	7
307561	UNGICL	USA	PURPLE HULL	082	3	45	1	6	1	2	20	2	2	3	2	5	6	216					9	5
307562	UNGICL	USA	BROWN EYE PURPLE HULL	082	3	35	2	6	1	2	20	2	2	3	2	5	6	221						7
309813	UNGICL	MEX	YORI MUNI	120	2	60	2	7	2	2	15	2	2	2	5	5	9	180					9	7
311119	UNGICL	MEX		087	2	55	3	5	2	2	16	2	2	1	5	1	3	118					9	
311120	UNGICL	MEX	COL. NO. 20908	087	2	50	3	4	2	2	18	2	2	1	5	1	3	108						
311222	UNGICL	MEX	COL. NO. 20912																					
311223	UNGICL	MEX																						
311224	UNGICL	MEX	COL. NO. 20917-A																					
311225	UNGICL	MEX	COL. NO. 20964																					
311226	UNGICL	GUAT																						
311227	UNGICL	MEX	COL. NO. 21000																					
311228	UNGICL	MEX	COL. NO. 21002																					
312137	UNGICL	GUAT	COL. NO. 21731																					
312138	UNGICL	GUAT	COL. NO. 21746																					
312139	UNGICL	GUAT	COL. NO. 21770																					
312140	UNGICL	GUAT	COL. NO. 21761																					
312202	UNGICL	MEX	YORI MUNI	082	2	55	2	6	1	2	15	2	2	1	5	5	6	147					9	5

312203	UNGICL	MEX	FRIJOL DE CASTILLA	087	3	45	2	7	2	2	16	2	2	1	5	5	6	141	9	5
312204	UNGICL	MEX	COL. NO. 21873																	
312205	UNGICL	MEX	COL. NO. 21880																	
312206	UNGICL	MEX	FRIJOL DEL MAYO BAYITO	082	3	45	2	6	1	2	15	2	2	1	5	5	6	154	9	5
312207	UNGICL	MEX	FRIJOL MAYO	082	2	65	2	4	1	2	15	2	2	1	5	5	6	162	9	3
312208	UNGICL	MEX	FRIJOL BAYITO	120	2	55	2	6	2	2	15	2	2	2	5	5	6	151	9	7
312209	UNGICL	MEX	COL. NO. 21965																	
312210	UNGICL	MEX	BAYITO CHIQUITO	082	3	45	2	6	1	2	15	2	2	1	5	5	6	156	9	5
312211	UNGICL	MEX	FRIJOL BOLATA	087	3	45	1	7	1	3	12	1	2	1	7	1	6	107	9	5
313544	UNGICL	MEX	X-9081																	
313545	UNGICL	MEX	ACM-PGGC																	
315750	UNGICL	USA	CUMBIPE PEA	032	1	55	3	6	1	4	11	1	2	1	7	1	4	99	9	5
318820	UNGICL	GHANA		087	3	40	3	3	1	3	18	2	2	2	5	2	1	125	9	7
318821	UNGICL	GHANA		087	2	60	3	7	1	2	16	2	2	1	5	1	9	138	9	7
319383	UNGICL	MEX																		
321106	UNGICL	KENYA		4	50	2	2	9	2	2	10	2	2	1	7	2	4	108	5	7
321107	UNGICL	KENYA		4	30	2	2	9	2	1	10	2	1	1	7	1	9	104		
321124	UNGICL	TANZ	COL. NO. 4653																	
321141	UNGICL	UGAN																		
321640	UNGICL	USA		2	50		5	2	3	19	2	3	1	5	4	6	6	79	9	7
323325	UNGICL	INDIA																		
325604	UNGICL	MEX	COL. NO. 22513																	
325773	UNGICL	USA		3	55		5	2	2	11	2	2	1	7	2	4	128	9	7	
325775	UNGICL	HAITI		3	40		5	2	3	13	2	3	1	5	4	6	123	9	5	
325776	UNGICL	USA		97	3	40		1	3	14	2	3	1	9	5	6	116	3	7	
326155	UNGICL	UGAN	VU 2	3	45		4	2	2	11	2	2	1	7	5	6	102	7		
326156	UNGICL	UGAN	VU 7	3	45		4	2	3	10	2	2	1	7	5	4	129	9	3	
326157	UNGICL	UGAN		4	50		9	2	2	10	2	3	1	7	5	6	85			
326158	UNGICL	UGAN		4	55		9	2	2	10	2	3	1	7	5	6	70			
326159	UNGICL	UGAN		4	55		9	2	2	10	2	3	1	7	5	6	55			
326160	UNGICL	UGAN																		
326161	UNGICL	UGAN																		
326529	UNGICL	GHANA																		
331097	UNGICL	MALI	NU. 1																	
331141	UNGICL	NIGIA																		
331143	UNGICL	NIGIA	6956-2A																	
331144	UNGICL	NIGIA																		
331424	UNGICL	ETHI																		
337044	UNGICL	BRAZ																		
337506	UNGICL	BRAZ																		
339563	UNGICL	AUSTL																		
339564	UNGICL	AUSTL																		
339565	UNGICL	UGAN																		
339566	UNGICL	UGAN																		
339567	UNGICL	UGAN	EGYPTIAN	1	50		5	2	4	12	2	3	1	7	1	6	113	7		
339571	UNGICL	UGAN	SEKALO																	
339572	UNGICL	UGAN																		
339573	UNGICL	UGAN																		
339574	UNGICL	CEYL																		

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
339575	UNGICL	KENYA	KIBARANI															4	113					7
339576	UNGICL	KENYA															4	156					9	7
339577	UNGICL	KENYA															4	131					5	7
339578	UNGICL	KENYA															4	84					7	7
339580	UNGICL	KENYA	MATWAPA														6	154					9	7
339581	UNGICL	KENYA	MATWAPA														9	89						7
339582	UNGICL	KENYA															3	126						7
339583	UNGICL	KENYA															4	144					9	5
339584	UNGICL	NIGIA	JACKSON PURPLE		3												4	127					9	7
339587	UNGICL	S AFR															7	129					9	3
339588	UNGICL	S AFR															7	140					9	7
339589	UNGICL	S AFR			2												9	99					9	5
339590	UNGICL	S AFR															7	114					9	7
339591	UNGICL	S AFR															7	123					9	7
339592	UNGICL	S AFR															9	109					9	3
339593	UNGICL	S AFR															7	111					9	7
339594	UNGICL	S AFR															9	110					9	3
339595	UNGICL	S AFR															3	100					9	5
339596	UNGICL	S AFR															7	155					9	3
339597	UNGICL	S AFR															2	92					9	3
339598	UNGICL	S AFR	BETCHWANA WHITE														4	146					9	5
339599	UNGICL	S AFR	EARLY BROWNIE														6	91					9	5
339600	UNGICL	S AFR	EMBU BUFF														4	124					9	7
339601	UNGICL	S AFR	IRAN GREY		4												9	100						5
339602	UNGICL	S AFR	NEW ERA														9	100						5
339603	UNGICL	S AFR	PALE GREEN														4	82					9	7
339604	UNGICL	S AFR	RENOSTER		2	90											7	146					9	3
339605	UNGICL	S AFR	SAUNDERS UPRIGHT														1	113						5
339606	UNGICL	S AFR															4	128						7
339607	UNGICL	S AFR	WITZENBORG														4	128						5
339609	UNGICL	TANZ															4	124					1	5
339610	UNGICL	TANZ															4	122					1	5
339611	UNGICL	TANZ															4	138					9	3
339612	UNGICL	TANZ															9	101					9	5
339613	UNGICL	TANZ															9	128					9	3

339614	UNGLICL	TANZ	NO. 13	2	4	2	70	2	3	2	2	3	17	2	2	1	1	7	2	1	134	7
339615	UNGLICL	TANZ																		4	101	7
339616	UNGLICL	TANZ																		9	130	7
339619	UNGLICL	TANZ																		1	114	5
339620	UNGLICL	TANZ																		4	146	5
339623	UNGLICL	TANZ																				
339626	UNGLICL	UGAN																		3	118	7
339629	UNGLICL	UGAN																		5	120	7
339638	UNGLICL	UGAN																		6	75	7
339639	UNGLICL	UGAN																		9	123	7
339709	UNGLICL	ARGN	VICTOR																	3	126	7
343449	UNGLICL	INDIA																		5	93	1
346336	UNGLICL	INDIA																		4	107	7
346337	UNGLICL	INDIA																		4	162	7
346339	UNGLICL	INDIA																		9	99	7
347629	UNGLICL	ETHI																		6	176	
349674	UNGLICL	AUSTL	ALDOOMBA																			
349675	UNGLICL	AUSTL	MULGRAVE																			
349852	UNGLICL	AUSTL	PYRAMID																			
352762	UNGLICL	BRAZ	CURUG'NHA																			
352765	UNGLICL	BRAZ																				
352769	UNGLICL	BRAZ	58-165																			
352770	UNGLICL	BRAZ	CARRAPICHO																			
352772	UNGLICL	BRAZ	CANIDE																			
352773	UNGLICL	BRAZ	DORMINHOCO																			
352774	UNGLICL	BRAZ	SERIDO																			
352826	UNGLICL	INDIA	IC 6																			
352827	UNGLICL	INDIA																				
352829	UNGLICL	INDIA	IC 9																			
352830	UNGLICL	INDIA	IC 180																			
352832	UNGLICL	INDIA	IC 323																			
352833	UNGLICL	INDIA																				
352834	UNGLICL	INDIA	IC 389																			
352835	UNGLICL	INDIA	IC 394																			
352836	UNGLICL	INDIA	IC 409																			
352837	UNGLICL	INDIA	IC 434																			
352838	UNGLICL	INDIA	IC 435																			
352842	UNGLICL	BRAZ																				
352848	UNGLICL	INDIA	IC 693																			
352851	UNGLICL	INDIA	IC 1459																			
352852	UNGLICL	INDIA	IC 1619																			
352853	UNGLICL	INDIA	IC 1927																			
352854	UNGLICL	INDIA	IC 2044																			
352855	UNGLICL	INDIA	IC 2045																			
352857	UNGLICL	INDIA	IC 2047B																			
352859	UNGLICL	INDIA	IC 2095																			
352860	UNGLICL	INDIA	IC 2146																			
352861	UNGLICL	INDIA																				
352862	UNGLICL	INDIA																				
352863	UNGLICL	INDIA	IC 2150																			

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid	
352864	UNGICL	INDIA	IC 2151 FOS 36	72	2	57	2	5	2	2	15	2	2	1	1	7	3	7	112					6	7
352865	UNGICL	INDIA	IC 2152 FOS 40	90	3	45	3	2	1	4	20	2	2	1	1	5	2	7	116					6	6
352866	UNGICL	INDIA	IC 2218	115	4	44	3	5	1	4	20	2	3	1	5	3	7	144					6	6	
352870	UNGICL	INDIA	IC 2443	76	4	37	2	5	2	1	19	2	2	1	2	5	4	108					6	6	
352872	UNGICL	INDIA	IC 2476	96	4	50	2	5	1	2	17	2	2	1	1	7	6	114					6	6	
352873	UNGICL	INDIA	IC 2795	115	4	50	2	5	1	3	14	2	2	1	5	1	9	120					9	7	
352876	UNGICL	INDIA	IC 2799	79	4	40	3	5	1	3	22	2	2	1	5	2	9	108					9	7	
352877	UNGICL	INDIA															4	112					3	5	
352879	UNGICL	INDIA															5	157					1	7	
352880	UNGICL	INDIA	IC 2806	76	3	53	2	5	2	2	17	2	2	1	5	2	5	108					3	5	
352881	UNGICL	INDIA	IC 2809	98	3	55	2	9	1	3	26	2	3	1	2	3	5	192					9	7	
352883	UNGICL	INDIA	IC 2815	90	3	40	3	9	1	3	17	2	3	1	7	1	4	92					9	5	
352884	UNGICL	INDIA	IC 2816	90	4	45	2	9	1	3	20	2	3	1	9	1	4	144					9	7	
352887	UNGICL	INDIA															7	128					9	7	
352889	UNGICL	INDIA	IC 2859A	62	3	42	2	5	1	2	18	2	2	1	5	1	4	104					9	7	
352892	UNGICL	INDIA	IC 2865 NEW ERA	76	3	45	2	5	1	2	18	2	1	1	5	2	5	116					9	7	
352893	UNGICL	INDIA	IC 2867 EARLY RED	76	4	55	3	5	1	3	19	2	2	1	2	1	3	108					3	7	
352894	UNGICL	INDIA															3	140					3	5	
352895	UNGICL	INDIA	IC 2376	81	2	70	2	5	1	4	14	1	2	1	7	2	5	68					6	9	
352896	UNGICL	INDIA	IC 2881A	115	4	35		9	1	1	23	2	3	1	5	1	4	136					9	7	
352897	UNGICL	INDIA	IC 2881B	90	4	50	3	5	1	4	20	2	3	1	5	1	4	113					9	6	
352898	UNGICL	INDIA	IC 2883 TYPE C	115	4	55	3	5	1	3	20	2	3	1	5	1	4	102					9	6	
352899	UNGICL	INDIA	IC 2884 TYPE B	90	2	55	3	5	1	3	18	2	2	1	5	9	9	100					9	7	
352900	UNGICL	INDIA															9	86					9		
352901	UNGICL	INDIA	IC 2892	90	2	55	3	2	1	3	17	2	2	1	7	2	5	112					9	7	
352902	UNGICL	INDIA	IC 2893	76	2	50	2	5	1	3	15	2	2	1	5	2	5	116					9	5	
352903	UNGICL	INDIA	IC 2894	72	2	58	3	5	2	3	15	2	3	1	5	2	5	92					9	7	
352904	UNGICL	INDIA	IC 2897	72	3	50	3	5	2	3	17	2	2	1	5	2	3	144					5	7	
352905	UNGICL	INDIA	IC 2899	72	3	37	3	5	1	4	15	1	3	1	5	2	1	104					1	7	
352908	UNGICL	INDIA	IC 2902	76	4	55	2	5	1	3	13	1	2	1	7	2	1	76					9	5	
352909	UNGICL	INDIA	IC 2906	76	2	55	2	5	1	2	14	2	2	1	9	2	5	92					9	5	
352911	UNGICL	INDIA	IC 2907	115	4	45	3	5	1	3	13	2	2	1	8	2	1	116					9	7	
352912	UNGICL	INDIA	IC 2907															79					9	7	





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
352988	UNGICL	INDIA	IC 4640	90	2	40	2	5	1	2	16	2	2	1	1	3	9	91					9	7
352989	UNGICL	INDIA	IC 4823	76	2	50	2	5	1	2	16	2	2	1	1	5	4	116					6	5
352991	UNGICL	INDIA	IC 5514	115	4	45	2	5	1	2	18	2	3	1	1	9	9	100					5	7
352994	UNGICL	INDIA	IC 6112 <sup>A</sup>	76	4	40	2	5	1	2	17	2	3	1	1	9	9	84					6	7
352995	UNGICL	INDIA	IC 6142	115	4	40	2	5	1	2	15	2	3	1	1	5	6	147					6	5
352996	UNGICL	INDIA	IC 6613	90	2	35	2	5	1	2	20	2	2	1	1	7	5	121					6	7
352997	UNGICL	INDIA	IC 7093	69	2	50	2	5	1	2	17	2	2	1	1	5	5	147					1	7
352998	UNGICL	INDIA	IC 7095	36	4	30	2	5	1	4	20	2	2	1	1	5	4	140					9	
352999	UNGICL	INDIA	IC 7165	36	2	50	2	5	1	2	20	2	2	1	1	5	1	142					9	
353000	UNGICL	INDIA	IC 7170	30	2	30	2	5	1	2	21	2	2	1	1	5	4	100					6	7
353001	UNGICL	INDIA	IC 7170	30	2	30	2	5	1	2	21	2	2	1	1	5	4	100					6	
353004	UNGICL	INDIA	IC 7428	30	3	45	2	2	1	4	17	2	3	1	1	7	3	121					5	3
353006	UNGICL	INDIA	IC 7459	90	2	55	2	5	1	5	13	1	2	1	1	7	3	98					1	7
353008	UNGICL	INDIA	IC 7487	90	4	30	2	5	1	4	19	1	2	1	1	7	1	105					9	
353010	UNGICL	INDIA	IC 7824	76	2	45	2	5	1	2	9	2	2	1	1	8	4	104					9	
353011	UNGICL	INDIA	IC 7827	76	2	45	2	5	1	2	10	2	2	1	1	8	7	112					6	
353014	UNGICL	INDIA	IC 7831	76	2	44	2	9	1	2	11	2	2	1	1	8	4	119					9	
353015	UNGICL	INDIA	IC 7832	76	2	73	2	2	1	2	13	1	2	1	1	5	9	85					9	
353021	UNGICL	INDIA	IC 7839	79	2	45	2	6	1	4	11	1	2	1	1	8	7	120					6	
353022	UNGICL	INDIA	IC 7895	115	2	45	2	6	1	2	14	2	2	1	1	5	7	109					9	
353024	UNGICL	INDIA	IC 8266	115	4	30	2	9	1	2	18	2	2	1	1	2	1	186					9	3
353025	UNGICL	INDIA	IC 8268	79	2	55	2	9	1	4	11	2	2	1	1	5	5	116					9	
353026	UNGICL	INDIA	IC 8437	90	4	50	2	9	1	2	13	2	2	1	1	5	3	116					6	
353027	UNGICL	INDIA	IC 8605	90	2	50	2	5	1	2	18	2	2	1	1	2	6	198					9	
353028	UNGICL	INDIA	IC 8610	90	2	55	2	5	1	2	10	2	2	1	1	4	6	176					5	
353030	UNGICL	INDIA	IC 8966	79	2	55	2	5	1	4	14	2	2	1	1	5	4	142					9	
353031	UNGICL	INDIA	IC 8970	79	4	50	2	5	1	4	17	2	2	1	1	5	3	108					9	
353033	UNGICL	INDIA	IC 9053	90	4	30	2	9	2	3	18	2	2	1	1	5	3	129					9	
353039	UNGICL	INDIA	IC 9642 <sup>A</sup>	79	4	55	2	9	1	4	18	2	2	1	1	5	9	134					9	
353040	UNGICL	INDIA	IC 9780	90	2	55	2	5	1	3	17	2	2	1	1	2	1	158					5	
353041	UNGICL	INDIA	IC 9833	79	3	45	2	5	1	4	20	2	2	1	1	5	6	113					9	
353045	UNGICL	INDIA	IC 10206	72	3	30	1	9	1	4	29	2	2	1	1	7	7	133					9	
353046	UNGICL	INDIA	IC 10206	72	3	30	1	9	1	4	29	2	2	1	1	7	3	127					5	

353047	UNGICL	INDIA	115	4	40	3	9	1	3	20	2	3	1	5	1	4	164	1
353049	UNGICL	INDIA IC 10210	90	2	55	3	2	1	3	20	2	3	1	5	2	5	140	1
353050	UNGICL	INDIA IC 10212																
353051	UNGICL	INDIA IC 10213	90	2	55	2	2	1	4	15	2	2	1	5	1	1	107	9
353055	UNGICL	INDIA IC 10222	79	2	55	3	9	1	4	19	2	2	1	9	9	9	128	9
353056	UNGICL	INDIA IC 10226	90	2	55	2	5	1	3	15	2	2	1	7	1	1	134	9
353057	UNGICL	INDIA IC 10227	90	4	40	3	5	1	3	20	2	2	1	5	9	4	145	3
353058	UNGICL	INDIA																7
353059	UNGICL	INDIA IC 10229	90	4	50	2	5	1	3	16	2	3	1	9	1	1	82	5
353063	UNGICL	INDIA														6	96	5
353064	UNGICL	INDIA IC 10705	79	4	35	2	5	1	4	20	2	3	1	5	7	6	168	5
353066	UNGICL	INDIA	90	4	40	2	9	1	4	13	2	3	1	5	4	6	141	5
353067	UNGICL	INDIA IC 10707															167	
353068	UNGICL	INDIA IC 10714A	90	4	53	3	9	1	4	15	2	3	1	9	9	9	154	5
353070	UNGICL	INDIA IC 11105	90	4	50									5	2	5	219	9
353072	UNGICL	INDIA IC 11181	79	4	35	3	9	2	3	17	2	2	1	7	2	1	122	9
353073	UNGICL	INDIA IC 11337	90	3	40		5	1	3	20	2	2	1	5	1	4	134	9
353074	UNGICL	INDIA														7	134	7
353076	UNGICL	INDIA IC 11491	115	2	50	2	5	1	3	15	2	3	1	5	5	6	162	5
353081	UNGICL	INDIA PLL 7	90	4	50		2		1	15	2	2	1	5	5	6	134	5
353086	UNGICL	INDIA PLL 14	90	4	53	2	9	1	4	14	2	2	1	5	5	6	156	7
353087	UNGICL	INDIA PLL 15A	79	4	25	2	9	1	4	12	2	3	1	7	5	6	113	7
353088	UNGICL	INDIA PLL 17													2	1	145	5
353089	UNGICL	INDIA PLL 17A	79	2	65	3	5	2	2	17	2	1	1	5	1	4	144	5
353092	UNGICL	INDIA														147	5	
353094	UNGICL	INDIA PLL 27	90	4	40	3	5	1	2	14	2	2	1	7	1	7	137	5
353098	UNGICL	INDIA														79	7	
353099	UNGICL	INDIA PLL 34	115	4	45	3	9	1	2	17	2	3	1	5	1	1	148	3
353102	UNGICL	INDIA PLL 38	115	2	56	3	5	1	2	26	2	3	1	2	1	1	187	9
353103	UNGICL	INDIA PLL 39	90	4	55	3	5	1	4	16	2	2	1	7	2	1	111	9
353104	UNGICL	INDIA PLL 40	115	4	56	3	9	1	3	19	2	3	1	5	1	4	106	7
353105	UNGICL	INDIA PLL 41	90	4	50	3	5	1	3	14	2	3	1	9	9	109	7	
353106	UNGICL	INDIA PLL 43	90	4	40	2	5	1	3	17	2	2	1	5	1	2	133	3
353107	UNGICL	INDIA PLL 44	90	4	40	3	5	1	3	14	2	3	1	7	1	2	87	9
353108	UNGICL	INDIA PLL 45	90	4	50	2	5	1	3	12	2	3	1	7	4	6	90	9
353109	UNGICL	INDIA PLL 45-1	90	4	40	2	5	1	3	14	2	3	1	8	4	6	111	9
353110	UNGICL	INDIA PLL 46	90	4	40	2	5	1	3	13	2	2	1	5	5	6	171	5
353111	UNGICL	INDIA PLL 47	90	4	25	2	9	1	3	12	2	2	1	7	5	6	133	5
353112	UNGICL	INDIA PLL 48	90	4	55	1	5	1	4	15	2	3	1	5	5	6	152	9
353115	UNGICL	INDIA PLL 51																7
353117	UNGICL	INDIA PLL 53	96	3	40	2	5	1	4	13	2	2	1	5	5	6	126	5
353119	UNGICL	INDIA PLL 55	96	4	26	1	9	1	2	19	2	3	1	5	4	6	149	9
353121	UNGICL	INDIA PLL 58	79	4	45	2	9	1	4	15	2	2	1	5	5	6	184	5
353122	UNGICL	INDIA PLL 59	79	4	45	2	5	1	4	19	2	2	1	5	5	6	111	9
353128	UNGICL	INDIA PLL 67	115	4	40	3	5	1	3	10	2	3	1	8	2	1	168	9
353130	UNGICL	INDIA PLL 70	90	2	70	3	5	1	4	12	1	3	1	7	1	2	83	9
353131	UNGICL	INDIA PLL 71															56	9
353133	UNGICL	INDIA														1	76	9
353135	UNGICL	INDIA														2	48	
353136	UNGICL	INDIA														9	420	9

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt CAMV	Bacterial canker	CPMV	Cowpea aphid
353136	UNGICL	INDIA	PLL 70	115	3	47	3	3	1	2	13	2		1	9	9	9	65					9	7
353137	UNGICL	INDIA	PLL 80	90	4	40	3	5	1	4	10	1	2	1	8	2	1	111					6	7
353139	UNGICL	INDIA	PLL 85	90	2	50	3	5	1	4	9	2	3	1	3	1	2	75					6	5
353140	UNGICL	INDIA	PLL 85	90	2	50	3	5	1	4	9	2	3	1	3	1	6	126					6	5
353141	UNGICL	INDIA	PLL 86	90	3	35	1	5	1	3	13	2	3	1	2	4	1	92					9	7
353142	UNGICL	INDIA	PLL 88	115	4	32	3	5	1	3	17	2	3	1	7	1	3	64					9	7
353143	UNGICL	INDIA	PLL 90	115	3	44	3	5	1	3	19	2	3	1	8	1	1	136					6	9
353144	UNGICL	INDIA	PLL 93	79	4	25	2	5	1	3	20	2	3	1	5	4	6	149					6	9
353145	UNGICL	INDIA	PLL 94	90	3	30	2	5	1	3	17	2	3	1	5	4	9	106					6	9
353146	UNGICL	INDIA	PLL 95	79	3	50	3	5	1	3	13	2	3	1	7	9	9	96					9	7
353147	UNGICL	INDIA	PLL 96	90	4	50	3	5	1	4	20	2	3	1	5	1	6	162					6	5
353149	UNGICL	INDIA	PLL 103	115	2	60	2	5	1	3	12	1	2	1	7	5	6	68					5	7
353152	UNGICL	INDIA	PLL 103	115	2	60	2	5	1	3	12	1	2	1	7	5	6	87					5	7
353155	UNGICL	INDIA	PLL 107	90	4	55	3	2	1	3	11	1	3	1	7	9	9	92					6	5
353157	UNGICL	INDIA	PLL 113	79	2	50	3	5	1	4	15	2	2	1	5	1	2	110					9	7
353161	UNGICL	INDIA	PLL 118	90	2	55	3	5	1	4	20	2	3	1	5	4	6	198					6	9
353164	UNGICL	INDIA	PLL 122	96	2	53	3	9	1	3	12	2	3	2	7	1	1	85					9	7
353166	UNGICL	INDIA	PLL 125	90	4	50	2	5	1	3	13	2	3	1	7	4	6	116					6	9
353167	UNGICL	INDIA	PLL 126	90	4	50	2	5	1	3	13	2	3	1	7	9	9	105					6	9
353171	UNGICL	INDIA	PLL 133	79	3	45	2	9	1	3	13	2	3	1	8	5	6	135					6	9
353172	UNGICL	INDIA	PLL 141	115	3	43	3	9	1	2	7	2	3	1	7	5	6	85					9	7
353179	UNGICL	INDIA	PLL 145	115	3	45	3	9	1	3	12	2	3	1	7	1	2	116					6	9
353181	UNGICL	INDIA	PLL 147	115	4	45	2	9	1	2	10	2	2	1	8	5	6	107					9	7
353183	UNGICL	INDIA	PLL 147	115	4	45	2	9	1	2	10	2	2	1	8	5	6	80					9	7
353210	UNGICL	INDIA	PLL 180	79	3	50	3	5	1	4	10	1	3	1	7	9	9	142					9	7
353211	UNGICL	INDIA	PLL 180	115	4	30	3	9	1	3	15	2	3	1	5	1	6	75					9	7
353212	UNGICL	INDIA	PLL 185	115	4	40	3	9	1	3	17	2	3	1	5	1	4	91					9	5
353216	UNGICL	INDIA	PLL 187	90	4	40	3	9	1	3	17	2	3	1	5	1	6	132					9	7
353217	UNGICL	INDIA	PLL 187	115	4	45	2	9	1	2	10	2	2	1	8	5	6	85					9	7
353225	UNGICL	INDIA	PLL 201	115	4	25	3	5	1	3	13	2	2	1	5	1	9	127					9	7
353226	UNGICL	INDIA	PLL 203	115	4	45	3	5	1	3	19	2	2	1	5	1	3	123					9	9
353227	UNGICL	INDIA	PLL 205	115	4	55	3	5	1	3	15	2	2	1	7	1	4	81					9	9
353232	UNGICL	INDIA	PLL 214	115	4	50	2	5	1	4	11	2	3	1	8	4	6	76					9	9
353239	UNGICL	INDIA	PLL 214	115	4	50	2	5	1	4	11	2	3	1	8	4	6	120					6	9





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid	
3533377	UNGICL	INDIA	PLL 380	90	2	70	2	5	2	4	11	2	2	2	1	7	1	4	87					6	5
3533378	UNGICL	INDIA	PLL 382	115	4	50	2	5	1	4	15	2	2	1	1	7	1	4	117					6	5
3533379	UNGICL	INDIA	PLL 383	79	3	50	2	5	1	4	17	2	2	1	1	5	5	5	149					6	5
3533380	UNGICL	INDIA	PLL 384	79	3	55	2	5	1	4	16	2	2	1	1	5	1	1	111					6	5
3533381	UNGICL	INDIA	PLL 385	86	3	35	2	5	1	6	12	2	2	1	1	7	1	1	91					6	5
3533382	UNGICL	INDIA	PLL 386	79	4	30	2	9	1	3	22	2	2	2	1	5	1	1	135					9	7
3533383	UNGICL	INDIA	PLL 387	79	3	55	2	5	1	4	18	2	2	2	1	5	4	6	136					1	5
3533450	UNGICL	AUSTL																							
353547	UNGICL	AUSTL																							
354443	UNGICL	INDIA	P 604	79	3	45	3	5	1	3	16	2	2	1	5	2	5	5	123					9	5
354444	UNGICL	INDIA	P 606	79	3	45	3	5	1	4	18	2	2	1	5	2	5	5	129					9	7
354445	UNGICL	INDIA	P 607	79	2	50	2	5	1	3	18	2	2	1	5	2	5	5	134					9	7
354447	UNGICL	INDIA	P 609	115	4	40	2	5	1	3	16	2	2	1	5	1	4	4	167					9	7
354448	UNGICL	INDIA	P 611	115	4	40	2	5	1	2	20	2	2	1	5	2	7	183					9	7	
354450	UNGICL	INDIA			4	40	2	5	1	2	20	2	2	1	5	3	5	5	194					1	5
354451	UNGICL	INDIA	P 614	115	3	37	2	5	1	2	10	2	2	2	5	2	5	5	169					1	7
354463	UNGICL	INDIA	P 633	123	4	50	2	5	1	3	17	2	2	1	5	2	5	5	155					9	7
354465	UNGICL	INDIA	P 635	79	4	50	2	5	1	3	17	2	2	1	5	2	5	5	130					9	7
354466	UNGICL	INDIA	P 636	86	2	55	2	5	1	3	15	2	2	1	5	2	4	4	134					9	5
354468	UNGICL	INDIA	P 639	79	2	55	2	5	1	3	19	2	2	1	5	2	4	4	134					9	5
354469	UNGICL	INDIA	P 640	79	4	45	3	5	1	4	18	2	2	1	5	2	7	124					1	5	
354473	UNGICL	INDIA	P 645	115	4	50	2	5	1	2	20	2	2	1	5	2	1	151					9	5	
354474	UNGICL	INDIA	P 647	79	3	50	2	5	1	4	13	2	2	1	5	2	9	84					6	7	
354475	UNGICL	INDIA	P 648	123	4	50	2	5	1	3	15	2	2	1	5	1	4	158					5	7	
354476	UNGICL	INDIA	P 649	90	4	65	2	5	2	3	17	2	2	1	5	2	1	1	195					9	5
354481	UNGICL	INDIA	P 656	90	4	45	3	5	2	3	19	2	2	2	5	2	1	1	174					9	
354484	UNGICL	INDIA	P 659	76	3	45	2	5	1	3	17	2	2	2	5	2	1	1	166					3	7
354488	UNGICL	INDIA	P 664	115	4	50	2	5	1	3	15	2	2	1	5	2	9	9	117					9	3
354489	UNGICL	INDIA	P 666		4	40	3	5	1	3	15	2	2	1	7	9	9	9	109					1	5
354490	UNGICL	INDIA	P 667	90	4	50	3	5	2	4	17	2	2	1	7	7	7	7	96					9	7
354493	UNGICL	INDIA	P 671	72	4	43	2	5	1	3	17	2	2	1	5	1	4	4	150					9	7
354494	UNGICL	INDIA	P 672	76	4	36	3	5	1	4	15	2	2	1	5	1	4	4	171					9	7
354495	UNGICL	INDIA	P 673	123	4	55	2	5	1	4	15	2	2	1	5	1	3	3	76					1	
354498	UNGICL	INDIA	P 676	90	2	55	3	5	2	4	19	2	2	1	5	2	5	5	100					9	
354499	UNGICL	INDIA	P 677	90	4	45	3	5	2	2	15	2	2	1	5	2	3	3	126					3	7

354500	UNGICL	INDIA	P	679	90	4	45	3	9	2	2	16	2	2	2	2	1	5	2	4	148	3
354501	UNGICL	INDIA	P	680	115	4	45	3	9	2	2	15	2	2	2	2	1	5	2	9	149	9
354502	UNGICL	INDIA	P	681	115	4	40	3	9	2	2	26	2	2	2	2	1	7	1	4	107	9
354503	UNGICL	INDIA	P	682	115	4	30		5	2	2	26	2	2	2	2	1	2	1	9	189	9
354506	UNGICL	INDIA	P	684	76	2	70		5	2	2	17	2	2	2	2	1	5	2	5	131	7
354507	UNGICL	INDIA	P	685	76	2	70	3	5	1	3	16	2	2	2	2	1	5	2	5	132	9
354508	UNGICL	INDIA	P	686	75	3	49		2	1	3	18	2	2	2	2	1	5	2	3	157	7
354509	UNGICL	INDIA	P	687	75	2	55	3	2	1	4	18	2	2	2	2	1	5	2	1	118	7
354511	UNGICL	INDIA	P	690	85	4	30		9	1	2	11	2	2	2	2	1	7	2	1	116	7
354512	UNGICL	INDIA	P	691	115	4	40	3	5	2	3	15	2	2	2	2	2	5	2	1	113	5
354513	UNGICL	INDIA	P	692	86	4	45	3	5	1	2	18	2	2	2	2	1	5	2	5	100	9
354514	UNGICL	INDIA	P	693	90	2	50	3	5	2	2	11	2	2	2	2	1	7	2	1	119	7
354515	UNGICL	INDIA	P	694	86	2	60		5	2	4	15	2	2	2	2	1	7	2	1	100	9
354516	UNGICL	INDIA	P	695	90	4	55		5	2	5	14	2	2	2	2	1	7	2	1	92	3
354517	UNGICL	INDIA	P	696	90	4	40		5	2	2	15	2	2	2	2	3	7	2	1	81	3
354518	UNGICL	INDIA	P	698																9	107	3
354519	UNGICL	INDIA	P	700	90	4	40	3	5	1	3	11	2	2	2	2	1	7	2	1	114	3
354521	UNGICL	INDIA	P	701	90	4	45	3	5	1	3	13	2	2	2	2	1	7	3	7	109	3
354523	UNGICL	INDIA	P	702	90	4	55	3	5	1	3	12	2	2	2	2	1	7	3	7	106	7
354524	UNGICL	INDIA	P	703	90	4	45	3	5	1	3	12	2	2	2	2	1	7	9	9	85	7
354525	UNGICL	INDIA	P	704	86	3	45	3	5	1	2	14	2	2	2	2	1	5	9	9	86	7
354531	UNGICL	INDIA	P	710	90	4	45	3	5	1	4	17	2	2	2	2	1	5	1	4	108	3
354532	UNGICL	INDIA	P	711	90	4	40	3	5	1	4	16	2	2	2	2	1	5	1	1	162	7
354536	UNGICL	INDIA	P	715	115	4	45	3	5	1	3	14	2	2	2	2	3	7	1	4	101	9
354537	UNGICL	INDIA	P	716	90	3	45	3	5	1	4	9	2	2	2	2	1	7	2	1	120	7
354539	UNGICL	INDIA	P	718	115	4	50	3	5	1	2	11	2	2	2	2	1	7	1	3	128	9
354542	UNGICL	INDIA	P	721	86	4	45	3	5	1	4	20	2	2	2	2	1	5	1	4	134	7
354543	UNGICL	INDIA	P	722	90	2	55	3	2	1	4	19	2	2	2	2	3	5	2	1	89	9
354544	UNGICL	INDIA	P	724	86	4	45	2	5	1	3	16	1	3	3	1	7	3	7	7	104	7
354553	UNGICL	INDIA	P	734	115	4	35	3	5	2	4	17	2	2	2	2	1	5	2	1	176	3
354555	UNGICL	INDIA	P	736	115	4	40		5	2	4	17	2	2	2	2	1	7	2	1	103	7
354556	UNGICL	INDIA	P	737	90	3	40	3	9	1	2	16	2	2	2	2	1	7	9	9	107	7
354559	UNGICL	INDIA	P	740																1	121	7
354564	UNGICL	INDIA	P	748	115	4	50	3	9	1	3	13	2	2	2	2	3	5	1	4	158	9
354567	UNGICL	INDIA	P	749	115	4	50	3	5	1	4	20	2	2	2	2	1	5	1	9	123	9
354568	UNGICL	INDIA	P	750	90	2	53		9		3		2	3	3	3	1	5	2	2	144	9
354569	UNGICL	INDIA	P	751																1	175	7
354571	UNGICL	INDIA	P	756	115	2	55	3	5	2	3	13	2	2	2	2	2	7	1	4	96	7
354579	UNGICL	INDIA	P	768	76	3	33	3	5	1	3	20	2	2	2	2	1	5	1	4	134	9
354580	UNGICL	INDIA	P	769	90	4	35		2	1	4	15	2	2	2	2	1	2	1	4	134	9
354581	UNGICL	INDIA	P	771	76	3	30		5	1	2	20	2	2	2	2	1	5	1	4	118	9
354582	UNGICL	INDIA	P	772	115	4	40	3	9	1	4	16	2	2	2	2	1	5	1	4	112	7
354583	UNGICL	INDIA	P	773	86	4	45	3	9	2	3	15	2	2	2	2	1	5	1	4	111	3
354584	UNGICL	INDIA	P	774	115	4	45	3	5	2	2	17	2	2	2	2	1	5	1	4	124	9
354591	UNGICL	INDIA	P	783	90	4	40	3	9	1	4	14	2	2	2	2	1	7	1	9	67	7
354592	UNGICL	INDIA	P	784	90	2	50		5	1	4	21	2	2	2	2	1	5	1	1	118	9

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt CAMV	Bacterial canker	CPMV	Cowpea aphid
354595	UNGICL	INDIA P 789		90	2	50	3	5	1	4	15	2	3	1	7	9	9	86					9	
354598	UNGICL	INDIA P 792		123	2	45		5	1	3	18	2	2	2	5	5	4	118					6	
354599	UNGICL	INDIA P 793		76	2	45	3	5	1	4	18	2	2	1	5	2	4	120					6	
354603	UNGICL	INDIA P 799		76	2	45		5	1	4	19	2	2	1	5	6	9	123					6	
354607	UNGICL	INDIA P 804		90	2	40	3	5	1	3	20	2	3	1	1	1	1	160					6	
354624	UNGICL	INDIA P 828		115	4	50	3	5	1	2	20	2	3	1	5	2	5	128					6	
354626	UNGICL	INDIA P 830		115	4	45	3	5	1	3	19	2	3	1	5	2	5	96					1	
354629	UNGICL	INDIA P 835		90	4	40	3	5	1	3	16	2	2	1	5	1	4	155					6	
354631	UNGICL	INDIA P 837		123	4	45		5	1	3	28	2	3	1	5	1	2	105					3	
354635	UNGICL	INDIA P 843		123	4	40		5	1	2	13	2	2	2	7	1	4	100					6	
354636	UNGICL	INDIA P 845		123	4	40		9	1	1	14	2	2	1	5	1	1	97					6	
354640	UNGICL	INDIA P 849		123	4	45		9	1	2	16	2	2	1	5	1	1	116					6	
354642	UNGICL	INDIA P 854		90	4	70	2	5	1	3	21	2	3	1	2	3	7	156					6	
354648	UNGICL	INDIA P 869		90	2	40	3	5	1	9	13	2	3	1	7	1	3	162					6	
354649	UNGICL	INDIA P 872		90	2	50	3	5	1	1	13	2	3	1	7	1	4	100					6	
354652	UNGICL	INDIA P 1106		86	4	35	3	9	1	3	18	2	2	1	5	2	4	71					6	
354659	UNGICL	INDIA P 1109		123	4	45		5	1	3	20	2	2	1	7	1	3	118					6	
354660	UNGICL	INDIA P 1113		86	3	40	3	5	1	3	21	2	3	1	5	2	4	107					6	
354663	UNGICL	INDIA P 1114		86	3	40	3	5	1	3	17	2	1	1	5	2	4	109					9	
354664	UNGICL	INDIA P 1115		86	2	50	3	5	1	3	17	2	1	1	5	2	4	107					6	
354666	UNGICL	INDIA P 1118		90	2	55	3	5	1	4	13	2	2	1	5	1	1	146					1	
354667	UNGICL	INDIA P 1120		86	2	50	3	5	1	3	14	2	2	1	5	1	9	129					6	
354668	UNGICL	INDIA P 1121		123	4	45	3	5	1	2	19	2	3	1	5	1	9	148					1	
354671	UNGICL	INDIA P 1124		76	2	53	3	2	1	4	16	2	1	1	7	2	4	134					6	
354672	UNGICL	INDIA P 1126		123	4	50		1		4	10	1	2	2	7	1	1	65					6	
354673	UNGICL	INDIA P 1127		90	3	30		2	1	3	18	2	2	1	5	4	1	107					6	
354675	UNGICL	INDIA P 1129		90	3	30		2	1	3	18	2	2	1	5	4	1	63					6	
354677	UNGICL	INDIA P 1131		90	3	40	2	5	1	2	18	2	3	1	2	1	4	137					9	
354678	UNGICL	INDIA P 1134		90	3	40	2	5	1	2	18	2	3	1	2	1	6	188					9	
354680	UNGICL	INDIA P 1139		90	2	55	3	5	1	4	15	2	3	1	7	9	9	130					6	
354682	UNGICL	INDIA P 1141		90	3	33	3	5	1	3	11	2	1	1	9	2	1	85					6	
354683	UNGICL	INDIA P 1144		86	3	40	3	5	1	5	15	2	1	1	5	9	9	124					6	

354684	UNGICL	INDIA P	1145	90	2	50	3	2	1	4	16	2	3	1	7	2	1	100	9	3
354685	UNGICL	INDIA P	1146															1	100	
354686	UNGICL	INDIA P	1150	90	3	40	3	5	1	3	16	2	2	1	5	3	1	134	9	3
354687	UNGICL	INDIA P	1154	90	4	55	3	5	1	3	16	2	2		5	3	7	119	1	7
354691	UNGICL	INDIA P	1155	90	1	35	1	5	1	4	13	2	2	1	5	9	9	155	9	7
354693	UNGICL	INDIA P	1159	90	4	30	3	5	1	3	21	2	2	1	5	5	6	140	9	7
354694	UNGICL	INDIA P	1159	90	4	30	3	5	1	3	21	2	2	1	5	1	4	109	9	3
354699	UNGICL	INDIA P	1164	90	2	60	2	5	1	3	13	2	3	1	5	9	9	116	9	3
354700	UNGICL	INDIA P	1171	90	4	55	3	5	1	3	10	2	3	1	7	9	4	94	9	3
354702	UNGICL	INDIA P	1173	90	4	50	3	5	1	4	13	2	2	1	7	1	4	88	9	7
354704	UNGICL	INDIA P	1175	90	4	50	3	5	1	2	13	2	3	1	7	1	4	48	9	7
354706	UNGICL	INDIA P	1177	90	4	60	3	5	1	3	13	2	2	2	7	1	1	69	9	5
354707	UNGICL	INDIA P	1178	123	4	45	3	5	1	4	13	2	2	1	9	1	1	86	9	7
354708	UNGICL	INDIA P	1179	90	4	45	3	5	1	4	14	2	2	1	9	1	4	59	9	3
354711	UNGICL	INDIA P	1184	123	4	50	3	5	1	4	13	2	2	1	8	1	4	88	9	7
354713	UNGICL	INDIA P	1186	90	4	50	3	5	1	4	9	2	2	2	9	1	4	78	9	7
354715	UNGICL	INDIA																74	9	7
354717	UNGICL	INDIA P	1194	90	4	35	2	5	1	3	15	2	1	1	5	9	9	100	9	7
354718	UNGICL	INDIA P	1196	90	4	55	3	5	1	4	13	2	3	1	5	9	9	84	9	7
354719	UNGICL	INDIA P	1197	90	3	40	3	5	1	4	13	2	2	1	5	1	1	73	9	7
354721	UNGICL	INDIA P	1199	123	4	45	2	9	1	1	18	2	3	1	5	1	4	133	9	7
354724	UNGICL	INDIA P	1202	90	2	75	2	2	1	4	15	2	3	1	5	7	6	103	9	7
354725	UNGICL	INDIA P	1204	86	4	34	3	5	1	4	19	2	2	1	5	2	2	132	9	7
354727	UNGICL	INDIA P	1206	86	3	47	3	5	1	4	17	2	2	1	5	1	1	131	9	7
354728	UNGICL	INDIA P	1207	86	4	45	2	5	1	3	19	2	3	2	5	2	6	126	9	5
354729	UNGICL	INDIA P	1208	123	4	50	3	5	1	5	12	2	3	2	7	4	6	77	9	5
354732	UNGICL	INDIA P	1211	90	2	70	3	5	1	4	18	2	3	1	5	2	1	86	9	7
354734	UNGICL	INDIA P	1214	90	2	55	2	5	1	5	14	2	3	1	5	9	9	80	9	7
354735	UNGICL	INDIA P	1215	123	4	45	3	5	1	2	20	2	2	1	5	2	7	152	9	9
354736	UNGICL	INDIA P	1216	76	4	40	3	5	1	3	15	2	2	1	7	3	4	79	9	9
354740	UNGICL	INDIA P	1220	90	4	50	2	5	1	3	16	2	3	1	2	1	9	163	9	3
354742	UNGICL	INDIA P	1223	90	4	50	3	5	1	3	16	2	3	1	5	4	9	111	9	5
354743	UNGICL	INDIA P	1224	86	4	55	3	5	1	3	18	2	3	1	5	9	9	119	9	7
354744	UNGICL	INDIA P	1225	86	3	45	3	5	1	4	12	2	3	1	5	9	9	113	9	3
354745	UNGICL	INDIA P	1226	86	4	50	3	5	1	4	16	2	3	1	5	9	9	93	9	7
354748	UNGICL	INDIA P	1240	86	2	55	3	5	1	3	15	2	3	1	5	4	6	89	9	3
354759	UNGICL	INDIA P	1256	90	2	55	3	5	1	4	11	2	2	1	5	9	9	85	9	5
354760	UNGICL	INDIA P	1257	123	4	50		9	1	2	18	2	3	1	5	1	4	121	1	
354761	UNGICL	INDIA P	1258	123	4	40		9	1	2	11	2	3	1	5	9	9	126	9	9
354762	UNGICL	INDIA P	1260	123	3	47		9	1	2	23	2	3	1	5	9	9	144	9	7
354763	UNGICL	INDIA P	1261	123	4	40		5	1	2	23	2	3	1	5	9	9	165	9	
354765	UNGICL	INDIA P	1263	123				5	1	2	13	2	2	1	5	9	4	112	9	
354765	UNGICL	INDIA P	1263															121	9	
354766	UNGICL	INDIA P	1264	123	4	40	3	9	1	2	17	2	3	1	5	1	4	158	9	7
354767	UNGICL	INDIA P	1265	123	4	40	3	5	1	2	18	2	3	1	5	1	4	139	9	7
354768	UNGICL	INDIA P	1267	123	4	35	3	9	1	2	16	2	3	1	5	1	4	121	9	7
354771	UNGICL	INDIA P	1270	123	2	55	3	5	1	3	16	2	3	1	7	1	4	109	9	7
354774	UNGICL	INDIA P	1273	123	4	50		5	1	3	23	2	3	1	5	1	3	111	9	3
354777	UNGICL	INDIA P	1278	123	4	45		5	1	3	24	2	3	1	5	1	4	191	9	
354778	UNGICL	INDIA P	1279															149	9	

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid	
354779	UNGICL	INDIA	P 1282	96	4	40	1	5	1	3	18	2	3	1	1	5	1	4	156					6	7
354782	UNGICL	INDIA	P 1285	90	1	35	3	5	1	3	14	2	1	1	1	5	2	5	148					6	3
354783	UNGICL	INDIA	P 1286	90	4	40	1	5	1	3	14	2	1	1	1	5	2	5	169					6	7
354786	UNGICL	INDIA	P 1291	96	3	35	3	5	1	4	19	2	2	1	1	7	9	9	165					6	3
354787	UNGICL	INDIA	P 1292	96	4	55	3	5	1	3	15	2	2	1	1	7	1	9	103					6	3
354791	UNGICL	INDIA	P 1297	123	4	50	3	5	1	3	15	2	2	1	1	7	1	1	114					6	3
354793	UNGICL	INDIA	P 1299	123	4	50	3	5	1	2	17	2	2	1	1	5	6	6	90					6	3
354794	UNGICL	INDIA	P 1301	123	4	45	3	5	1	2	15	2	2	1	1	5	6	6	102					6	3
354795	UNGICL	INDIA	P 1302	123	4	45	3	5	1	3	14	2	2	1	1	7	9	9	104					9	3
354796	UNGICL	INDIA	P 1303	123	4	45	3	5	1	3	14	2	2	1	1	7	9	9	114					6	3
354797	UNGICL	INDIA	P 1304	123	4	50	3	5	1	3	14	2	2	1	1	7	9	9	98					6	3
354799	UNGICL	INDIA	P 1306	90	3	40	2	2	1	3	17	2	2	1	1	5	9	1	141					6	3
354800	UNGICL	INDIA	P 1307	90	2	70	2	2	1	3	17	2	2	1	1	7	6	6	139					6	3
354801	UNGICL	INDIA	P 1308	90	3	15	1	2	1	4	18	2	2	1	1	5	9	9	127					3	3
354802	UNGICL	INDIA	P 1309	90	3	50	3	2	1	3	19	2	2	1	1	5	1	1	94					6	3
354805	UNGICL	INDIA	P 1312	117	4	30	2	3	1	3	17	2	2	1	1	7	1	1	98					6	3
354807	UNGICL	INDIA	P 1316	90	4	35	2	3	1	4	16	2	2	1	1	7	1	1	110					6	3
354808	UNGICL	INDIA	P 1317	117	4	40	2	3	1	3	12	2	2	1	1	7	1	1	111					6	3
354809	UNGICL	INDIA	P 1318	90	2	55	3	5	1	4	13	2	2	1	1	7	9	9	104					6	3
354813	UNGICL	INDIA	P 1325	90	4	45	3	5	1	3	17	2	2	1	1	5	4	4	109					9	3
354816	UNGICL	INDIA	P 1328	90	4	40	3	5	1	4	15	2	2	1	1	5	9	6	131					6	3
354817	UNGICL	INDIA	P 1329	90	4	35	2	3	1	3	15	2	2	1	1	7	5	6	101					6	3
354818	UNGICL	INDIA	P 1331	96	2	70	3	5	1	3	16	2	1	1	1	7	2	1	123					9	3
354820	UNGICL	INDIA	P 1334	90	4	45	3	5	1	3	17	2	2	1	1	5	2	1	115					9	3
354821	UNGICL	INDIA	P 1335	96	4	40	3	5	1	4	15	2	2	1	1	5	2	1	115					9	3
354822	UNGICL	INDIA	P 1336	72	3	35	3	5	1	3	14	2	2	1	1	7	3	7	109					6	3
354823	UNGICL	INDIA	P 1337	86	4	40	3	5	1	3	15	2	2	1	1	7	2	1	116					9	3
354825	UNGICL	INDIA	P 1339	90	3	40	3	5	1	3	17	2	2	1	1	7	9	9	144					9	3
354826	UNGICL	INDIA	P 1341	90	3	35	3	5	1	4	17	2	2	1	1	5	2	1	126					9	3
354827	UNGICL	INDIA	P 1342	96	2	50	3	5	1	3	17	2	2	1	1	5	9	9	124					9	3
354829	UNGICL	INDIA	P 1345	117	4	50	3	5	1	3	22	2	2	1	1	5	1	4	120					9	3
354830	UNGICL	INDIA	P 1347	117	4	40	3	5	1	3	22	2	2	1	1	5	1	4	127					9	3
354831	UNGICL	INDIA	P 1348	96	4	50	3	5	1	2	15	2	2	1	1	5	2	4	138					9	3



354832	UNGICL	INDIA P	1350	90	4	30	3	9	1	3	22	2	2	2	2	3	1	2	1	2	144	3
354833	UNGICL	INDIA P	1351	117	3	35	3	5	1	2	19	2	2	2	2	2	2	2	3	3	161	1
354835	UNGICL	INDIA P	1353	90	3	45	3	2	1	3	17	2	2	2	2	1	1	2	1	2	132	3
354837	UNGICL	INDIA P	1356	36	2	50	3	2	1	4	20	2	2	2	2	1	5	5	2	9	129	9
354838	UNGICL	INDIA P	1357	90	3	70	3	2	1	3	15	2	2	2	2	1	5	5	9	9	124	1
354840	UNGICL	INDIA P	1359	36	4	40	3	5	1	3	20	2	2	2	2	3	1	5	1	4	105	3
354841	UNGICL	INDIA P	1360	96	4	45	3	9	1	3	17	2	2	2	2	3	1	5	1	1	107	3
354842	UNGICL	INDIA P	1361	96	2	50	3	2	1	3	16	2	2	2	2	1	5	9	9	1	130	3
354843	UNGICL	INDIA P	1362	45	3	45	3	5	1	2	17	2	2	2	2	1	5	1	2	2	113	3
354844	UNGICL	INDIA P	1363	86	4	25	3	5	1	4	21	2	2	2	2	1	2	1	2	2	146	9
354845	UNGICL	INDIA P	1364	96	4	40	3	5	1	4	12	2	2	2	2	3	1	5	5	6	85	3
354847	UNGICL	INDIA P	1366	96	4	45	2	9	1	3	20	2	2	2	2	3	1	2	1	4	146	7
354848	UNGICL	INDIA P	1367	117	4	35	3	5	1	3	21	2	2	2	2	1	5	1	4	4	124	9
354850	UNGICL	INDIA																			111	9
354851	UNGICL	INDIA P	1371	86	4	40	3	5	1	2	18	2	2	2	2	3	1	5	9	9	136	7
354852	UNGICL	INDIA P	1374	86	4	50	3	5	1	4	17	2	2	2	2	3	1	5	1	9	173	3
354853	UNGICL	INDIA P	1375																		137	7
354854	UNGICL	INDIA P	1376	86	4	35	3	5	1	4	17	2	2	2	2	3	1	9	9	9	158	3
354855	UNGICL	INDIA P	1379																		134	3
354857	UNGICL	INDIA																			82	1
354859	UNGICL	INDIA P	1386																			
354860	UNGICL	INDIA P	1387	86	2	80	3	5	1	3	14	2	2	2	2	2	1	5	3	9	135	3
354861	UNGICL	INDIA P	1388	86	2	50	3	5	1	4	19	2	2	2	2	1	5	2	1	2	93	1
354863	UNGICL	INDIA P	1390	86	2	50	3	5	1	3	19	2	2	2	2	1	7	2	1	1	130	9
354864	UNGICL	INDIA P	1392	86	2	50	3	5	1	4	20	2	2	2	2	1	7	1	2	2	119	3
354865	UNGICL	INDIA P	1393	96	3	40	3	5	1	4	23	2	2	2	2	3	1	5	1	2	144	3
354867	UNGICL	INDIA P	1397	96	3	35	3	5	1	3	19	2	2	2	2	1	5	2	1	1	138	9
354868	UNGICL	INDIA P	1398	96	4	40	3	5	1	3	20	2	2	2	2	1	5	2	1	1	127	9
354869	UNGICL	INDIA P	1399	96	4	45	2	5	1	3	14	2	2	2	2	3	1	9	1	4	163	3
354877	UNGICL	INDIA P	1415	96	2	52	3	5	1	3	19	2	2	2	2	1	5	9	9	9	129	1
354878	UNGICL	INDIA P	1416	86	2	55	3	5	1	4	15	2	2	2	2	1	7	2	2	9	119	3
354881	UNGICL	INDIA P	1421	95	2	55	3	2	1	4	23	2	2	2	2	3	1	5	1	3	138	1
354883	UNGICL	INDIA P	1426																		77	3
358307	UNGICL	ETHI																				
358714	UNGICL	ETHI																				
358715	UNGICL	ETHI		76	2	70	3	2	1	4	11	1	2	1	1	2	1	8	1	4	82	7
358716	UNGICL	ETHI			2	50	3	5	2	2	11	2	1	1	1	1	7	9	2	5	81	3
367860	UNGICL	INDIA			4	50	3	5	2	3	15	2	2	2	2	1	5	2	9	9	147	3
367862	UNGICL	INDIA																			113	3
367863	UNGICL	INDIA																				
367865	UNGICL	INDIA					3												9	106	3	
367866	UNGICL	INDIA																	4	161	7	
367868	UNGICL	INDIA																	4	73	7	
367869	UNGICL	INDIA			3	45	2	4	2	3	18	1	2	2	2	1	7	1	2	9	92	9
367919	UNGICL	MOZAM			4	45	3	5	1	3	16	2	2	2	3	1	5				146	3
367920	UNGICL	MOZAM	SAPI NOC 3																9	170	7	
367921	UNGICL	MOZAM	NAVAJA																9	136	3	
367922	UNGICL	MOZAM	UMFLUZI																4	116	5	
367923	UNGICL	MOZAM	DAY SPECKLED																9	163	9	

Plant Introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant type	Plant height (cm)	Flower color	Seed yield	Pod placement	No. pods per peduncle	Pod length (cm)	Pod position	Pod type	Dry-pod color	Seed size	Seed color pattern	Seed color	Seed weight (g/1,000 seeds)	CCMV	CMV	Fusarium wilt	Bacterial canker	CPMV	Cowpea aphid
367925	UNGICL	MOZAM	WHIPPORWILL														4	139					1	3
367926	UNGICL	MOZAM	TURIANA														3	114					9	3
367927	UNGICL	MOZAM	DR. SAUNDERS		3	70	3	5	2	4	12	2	3	2	7	1	1	133					6	3
376854	UNGICL	THAI			3	50	3	5	2	4	12	2	3	2	7	1	1	126					6	3
376865	UNGICL	THAI																					1	3
382097	UNGICL	NIGIA	KAFINSOLI LOCAL		4	35		5	2	2	18	2	3	1	5	2	4	207					9	3
382098	UNGICL	NIGIA	KANO BLUE		4	50		5	2	2	18	2	3	1	5	2	4	281					9	3
382103	UNGICL	MOZAM	WC BLISS		3	30	2	3	1	2	9	2	3	1	5	4	6	74					6	3
382106	UNGICL	NIGIA			4	40		5	2	3	13	2	3	1	5	4	6	124					9	3
382107	UNGICL	NIGIA																174						
382108	UNGICL	NIGIA			4	50		5	2	2	20	2	3	1	2	5	6	200					9	3
382109	UNGICL	NIGIA			4	40		5	2	2	16	2	3	1	5	2	7	182					9	3
382110	UNGICL	NIGIA			4	50		5	2	3	16	2	1	1	7	2	6	145					9	3
382111	UNGICL	NIGIA	MISSISSIPPI SILVER		2	50		5	2	3	16	2	1	1	7	2	1	128					9	3
382112	UNGICL	NIGIA																190						
382113	UNGICL	NIGIA			3	30		5	2	3	17	2	3	1	5	7	6	122					9	3
382114	UNGICL	NIGIA			4	40		5	2	3	21	2	3	1	5	5	6	183					9	3
382115	UNGICL	NIGIA			4	40		5	2	3	16	2	1	1	5	5	1	164					9	3
382116	UNGICL	NIGIA			2	40		5	2	3	17	2	3	1	5	5	6	144					9	3
382117	UNGICL	NIGIA			2	55		5	1	3	17	2	3	1	5	5	6	179					9	3
382118	UNGICL	NIGIA			2	50		5	1	3	17	2	3	1	5	5	6	168					9	3
382119	UNGICL	NIGIA			4	45	2	5	1	3	16	2	3	1	5	5	1	182					9	3
382120	UNGICL	NIGIA			4	50		5	2	2	13	2	1	1	5	2	9	176					9	3
382121	UNGICL	NIGIA			4	30		5	1	4	14	2	2	1	5	5	6	120					9	3
382122	UNGICL	NIGIA																122						
382123	UNGICL	NIGIA			4	40		5	1	2	12	2	1	1	2	1	1	167					9	3
382124	UNGICL	MOZAM	H79 1		4	45		5	1	3	14	2	3	1	5	5	6	140					9	3
382125	UNGICL	MOZAM			4	45		5	1	3	14	2	1	1	5	5	1	197					9	3
382127	UNGICL	NIGIA			2	50		5	2	2	17	2	3	1	5	1	1	164					9	3
382128	UNGICL	NIGIA																186						
382129	UNGICL	NIGIA			4	45		5	2	2	15	2	3	1	5	1	1	141					9	3
382130	UNGICL	NIGIA			4	40		5	2	4	15	2	2	1	5	5	4	120					9	3
382131	UNGICL	NIGIA			1	30		5	2	2	11	2	3	1	5	1	1	164					9	3
382132	UNGICL	NIGIA						5	2	2	11	2	3	1	5	5	1	182					9	3
382133	UNGICL	NIGIA			1	40		5	2	3	13	2	3	1	5	5	6	145					9	3













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